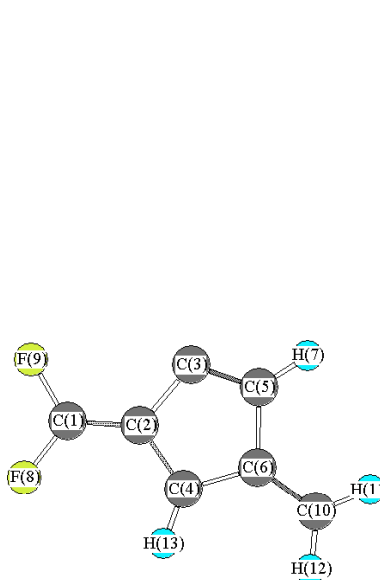
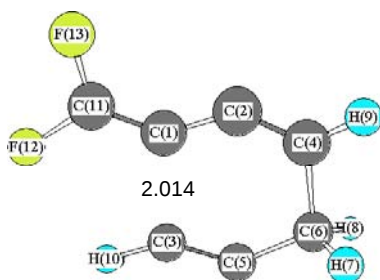


Table 1. Slater determinant expectation values of ($\langle S^2 \rangle$), enthalpies, Gibbs energies (kcal mol⁻¹) at BLYP/6-31G*, relative single point energies (kcal mol⁻¹), and NICS values (in the 4-, 5-, and 6-membered ring centers) at BLYP/6-311+G* for the transition structures and products of the thermal cyclization of 4-heteroatom-1,2-diene-5-yne (2).

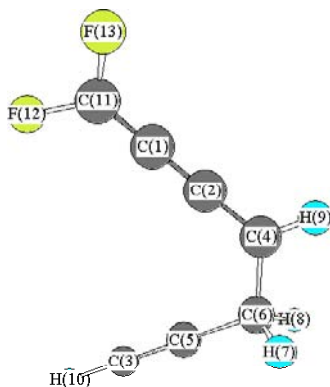
X	BLYP/6-31G*												BLYP/ 6-311+G*					
	$\langle S^2 \rangle$			ΔE			$\Delta H^0(298K)$			$\Delta G(298K)$			ΔE			NICS		
	TS ₂₅	TS ₂₆	TS ₁₆	TS ₂₅	TS ₂₆	TS ₁₆	TS ₂₅	TS ₂₆	TS ₁₆	TS ₂₅	TS ₂₆	TS ₁₆	TS ₂₅	TS ₂₆	TS ₁₆	TS ₂₅	TS ₂₆	TS ₁₆
a	0.46	0.00	0.00	47.6	35.8	34.2	45.3	34.8	33.3	46.5	36.7	35.2	50.8	38.3	35.4	-0.8	-5.5	-19.0
b	0.44	0.00	0.00	48.9	34.3	37.2	46.8	33.3	36.4	48.0	35.3	38.2	51.5	36.8	38.0	-2.6	-7.8	-20.4
c	0.36	0.00	0.00	47.9	32.8	36.3	45.9	31.9	35.3	47.2	33.9	37.1	50.6	34.9	37.5	-0.9	-7.9	-19.3
d	0.00	0.00	0.00	38.8	21.5	22.3	37.2	20.8	21.4	39.3	23.3	24.3	41.7	23.6	24.0	-2.1	-12.7	-20.3
e	0.34	0.00	0.00	31.9	20.6	10.6	29.7	19.5	8.7	31.4	21.8	9.7	35.4	23.4	10.6	-5.4	-9.8	-18.3
f	0.15	0.00	0.00	41.6	23.8	26.7	39.8	22.9	25.7	41.1	24.9	27.8	44.2	26.0	28.7	-3.2	-10.8	-18.9
g	0.16	0.00	0.00	40.3	24.0	15.7	38.7	23.2	14.8	40.6	25.7	16.7	42.2	26.1	16.5	-3.2	-13.3	-25.0
h	0.35	0.00	0.00	38.1	25.3	8.2	35.6	24.1	6.8	37.4	26.6	7.9	40.3	27.3	8.1	-3.5	-11.6	-18.9
I	0.31	0.00	0.00	36.8	24.7	10.3	34.7	23.8	9.3	36.4	26.4	10.6	38.9	26.9	10.5	-3.7	-11.2	-22.1
j	0.29	0.00	0.00	43.4	32.9	20.3	41.3	32.2	19.6	43.2	34.6	22.1	45.6	35.3	21.4	-4.2	-9.4	-22.3
k	0.00	0.00	0.00	26.6	23.3	28.9	25.5	22.6	28.3	26.8	24.3	30.7	26.8	22.3	27.3	1.8	-11.0	-15.5
l	0.00	0.00	0.00	34.9	28.8	13.1	33.1	27.7	12.1	34.9	30.0	13.9	36.0	30.6	12.4	-0.9	-11.6	-19.6
m	0.00	0.00	0.00	36.7	21.9	14.5	35.1	20.7	13.0	36.7	22.2	13.5	39.5	24.5	13.9	-1.2	-12.1	-21.8
n	0.11	0.00	0.00	26.1	16.3	n/a	24.5	15.6	n/a	27.4	18.9	n/a	29.5	19.2	n/a	-8.1	-13.2	n/a
Product	4	6	8	4	6	8	4	6	8	4	6	8	4	6	8	4	6	8
a	1.04	1.03	0.00	38.1	16.9	10.8	36.9	17.0	11.0	38.3	19.0	10.4	42.6	21.4	9.6	2.7	-3.9	n/a
b	1.04	1.03	0.00	39.3	16.0	14.1	38.4	16.2	14.6	39.6	17.9	13.8	43.1	20.3	11.5	0.6	-6.6	n/a
c	1.03	0.84	0.00	39.6	15.1	11.5	38.5	15.2	11.9	39.9	17.4	11.4	44.0	18.9	10.2	1.5	-5.0	n/a
d	0.18	0.04	0.00	32.4	-5.9	17.2	31.3	-5.0	17.4	33.3	-1.8	20.2	34.8	-3.0	19.9	8.1	-2.0	-17.6
e	1.03	0.83	0.00	19.5	8.5	-26.2	17.9	8.4	-26.4	19.6	11.0	-26.1	24.1	13.2	-26.9	-2.3	-8.7	n/a
f	1.03	0.28	0.00	34.6	1.1	25.0	33.3	1.5	24.9	34.2	4.0	27.0	38.4	4.3	27.5	-0.2	-4.7	-17.3
g	1.03	0.33	0.00	27.4	1.3	-16.3	26.4	1.9	-15.3	28.2	4.9	-14.9	30.9	4.1	-16.0	12.4	-6.1	n/a
h	0.00	0.87	0.00	-40.9	14.0	-16.0	-39.8	13.6	-15.7	-38.4	16.2	-15.4	-39.6	17.7	-16.9	n/a	-9.6	n/a
I	0.00	0.84	0.00	-37.1	11.3	-15.5	-36.0	11.6	-14.9	-35.5	14.5	-15.3	-36.1	15.1	-16.5	n/a	-8.6	n/a
j	1.03	1.02	0.00	34.1	17.5	-1.5	32.9	17.5	-0.8	34.9	19.8	-0.3	37.8	21.7	-0.7	1.5	-6.8	n/a
k	0.00	0.00	0.00	18.9	-6.0	18.9	18.9	-4.9	19.7	20.5	-2.6	22.2	17.9	-6.9	17.9	9.0	5.8	-10.1
l	0.00	0.00	0.00	-38.5	6.1	-17.3	-37.6	6.3	-16.3	-36.4	7.7	-16.2	-39.1	7.2	-19.1	n/a	-8.4	n/a
m	0.00	0.00	0.00	-42.9	-6.0	-38.0	-42.5	-5.6	-37.4	-41.8	-3.9	-37.5	-43.3	-3.3	-40.0	n/a	n/a	n/a
n	0.00	0.00	0.00	-70.8	-21.2	-36.7	-68.7	-20.2	-35.9	-66.2	-17.6	-34.7	-69.1	-18.4	-37.0	n/a	n/a	n/a



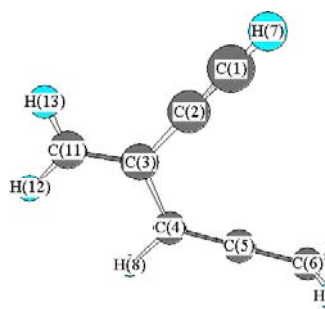
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F(8)-C(1)-C(2)-C(4)			0.000
F(9)-C(1)-C(2)-C(3)			0.000
F(9)-C(1)-C(2)-C(4)			-179.000
C(1)-C(2)-C(3)-C(5)			180.000
C(4)-C(2)-C(3)-C(5)			0.000
C(1)-C(2)-C(4)-C(6)			-179.000
C(1)-C(2)-C(4)-H(13)			0.000
C(3)-C(2)-C(4)-C(6)			0.000
C(3)-C(2)-C(4)-H(13)			-179.000
C(2)-C(3)-C(5)-C(6)			0.000
C(1)-C(2)		1.367	
C(1)-F(8)		1.338	
C(1)-F(9)		1.335	
C(2)-C(3)		1.472	
C(2)-C(4)		1.443	
C(3)-C(5)		1.348	
C(4)-C(6)		1.441	
C(4)-H(13)		1.090	
C(5)-C(6)		1.501	
C(5)-H(7)		1.090	
C(6)-C(10)		1.379	
C(10)-H(11)		1.092	
C(10)-H(12)		1.093	
C(2)-C(3)-C(5)-H(7)			-179.000
C(2)-C(4)-C(6)-C(5)			0.000
C(2)-C(4)-C(6)-C(10)			-179.000
H(13)-C(4)-C(6)-C(5)			180.000
H(13)-C(4)-C(6)-C(10)			0.000
C(3)-C(5)-C(6)-C(4)			0.000
C(3)-C(5)-C(6)-C(10)			180.000
H(7)-C(5)-C(6)-C(4)			180.000
H(7)-C(5)-C(6)-C(10)			0.000
C(4)-C(6)-C(10)-H(11)			180.000
C(4)-C(6)-C(10)-H(12)			0.000
C(5)-C(6)-C(10)-H(11)			0.000
C(5)-C(6)-C(10)-H(12)			-179.000
C(1)	-2.436	0.785	-0.014
C(2)	-1.073	0.698	-0.006
C(3)	-0.123	1.823	-0.004
C(4)	-0.258	-0.492	0.001
C(5)	1.159	1.407	0.005
C(6)	1.127	-0.094	0.008
F(8)	-3.250	-0.277	-0.016
F(9)	-3.122	1.931	-0.020
C(10)	2.237	-0.912	0.016
H(13)	-0.631	-1.516	0.001
H(7)	2.073	2.001	0.008
H(11)	3.250	-0.504	0.020
H(12)	2.137	-2.001	0.018



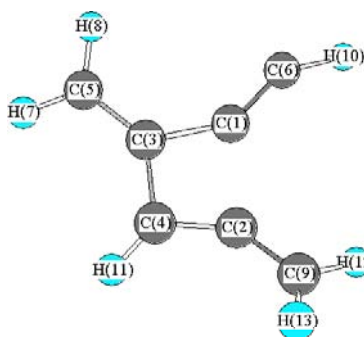
C(11)-C(1)-C(2)-C(4)			-179.684
C(2)-C(1)-C(11)-F(12)			179.684
C(2)-C(1)-C(11)-F(13)			0.316
C(1)-C(2)		1.345	
C(1)-C(11)		1.338	
C(2)-C(4)		1.310	
C(3)-C(5)		1.264	
C(3)-H(10)		1.080	
C(4)-C(6)		1.655	
C(4)-H(9)		1.090	
C(5)-C(6)		1.437	
C(6)-H(7)		1.106	
C(6)-H(8)		1.106	
C(11)-F(12)		1.346	
C(11)-F(13)		1.342	
C(1)-C(2)-C(4)-C(6)			0.000
C(1)-C(2)-C(4)-H(9)			-179.000
H(10)-C(3)-C(5)-C(6)			-179.000
C(2)-C(4)-C(6)-C(5)			0.000
C(2)-C(4)-C(6)-H(7)			-122.955
C(2)-C(4)-C(6)-H(8)			122.960
H(9)-C(4)-C(6)-C(5)			180.000
H(9)-C(4)-C(6)-H(7)			57.039
H(9)-C(4)-C(6)-H(8)			-57.046
C(3)-C(5)-C(6)-C(4)			0.000
C(3)-C(5)-C(6)-H(7)			118.603
C(3)-C(5)-C(6)-H(8)			-118.580
C(1)	-0.538	0.369	0.399
C(2)	0.737	0.745	0.602
C(3)	-0.489	-1.507	-0.331
C(4)	1.922	0.208	0.445
C(5)	0.721	-1.861	-0.416
C(6)	2.031	-1.332	-0.151
C(11)	-1.787	0.831	0.524
F(12)	-2.892	0.132	0.202
F(13)	-2.119	2.047	0.984
H(10)	-1.518	-1.795	-0.489
H(9)	2.901	0.639	0.657
H(7)	2.591	-1.912	0.606
H(8)	2.665	-1.264	-1.055



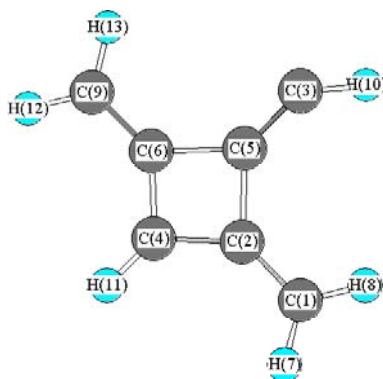
C(11)-C(1)-C(2)-C(4)			0.000
C(2)-C(1)-C(11)-F(12)			19.611
C(2)-C(1)-C(11)-F(13)			-160.865
C(1)-C(2)		1.275	
C(1)-C(11)		1.320	
C(2)-C(4)		1.328	
C(3)-C(5)		1.217	
C(3)-H(10)		1.072	
C(4)-C(6)		1.530	
C(4)-H(9)		1.097	
C(5)-C(6)		1.468	
C(6)-H(7)		1.109	
C(6)-H(8)		1.109	
C(11)-F(12)		1.344	
C(11)-F(13)		1.346	
C(1)-C(2)-C(4)-C(6)			180.000
C(1)-C(2)-C(4)-H(9)			0.000
H(10)-C(3)-C(5)-C(6)			0.000
C(2)-C(4)-C(6)-C(5)			0.000
C(2)-C(4)-C(6)-H(7)			-123.360
C(2)-C(4)-C(6)-H(8)			123.436
H(9)-C(4)-C(6)-C(5)			180.000
H(9)-C(4)-C(6)-H(7)			56.556
H(9)-C(4)-C(6)-H(8)			-56.651
C(3)-C(5)-C(6)-C(4)			180.000
C(3)-C(5)-C(6)-H(7)			-57.652
C(3)-C(5)-C(6)-H(8)			57.023
C(1)	-0.356	1.086	0.584
C(2)	0.611	0.267	0.444
C(3)	-0.887	-2.854	-0.938
C(4)	1.633	-0.569	0.307
C(5)	0.217	-2.459	-0.613
C(6)	1.556	-2.001	-0.226
C(11)	-1.359	1.933	0.728
F(12)	-2.641	1.670	0.421
F(13)	-1.244	3.186	1.203
H(10)	-1.867	-3.186	-1.220
H(9)	2.636	-0.229	0.597
H(7)	1.977	-2.682	0.542
H(8)	2.245	-2.088	-1.091



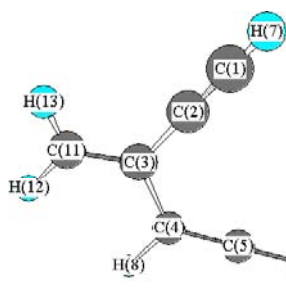
H(7)-C(1)-C(2)-C(3)	0.000		
C(1)-C(2)-C(3)-C(4)	2.918		
C(1)-C(2)-C(3)-C(11)	-179.000	C(1)	0.957 2.464 1.038
C(1)-C(2)	1.220	C(2)	0.175 1.670 0.542
C(1)-H(7)	1.072	C(3)	-0.734 0.725 -0.045
C(2)-C(3)	1.437	C(4)	-0.178 -0.507 -0.658
C(3)-C(4)	1.484	C(11)-C(3)-C(4)-H(8)	0.000
C(3)-C(11)	1.364	C(2)-C(3)-C(11)-H(12)	-179.000
C(4)-C(5)	1.325	C(2)-C(3)-C(11)-H(13)	0.000
C(4)-H(8)	1.098	C(4)-C(3)-C(11)-H(12)	0.000
C(5)-C(6)	1.313	C(4)-C(3)-C(11)-H(13)	180.000
C(6)-H(9)	1.097	C(3)-C(4)-C(5)-C(6)	-179.000
C(6)-H(10)	1.097	H(8)-C(4)-C(5)-C(6)	0.000
C(11)-H(12)	1.093	C(4)-C(5)-C(6)-H(9)	90.320
C(11)-H(13)	1.091	C(4)-C(5)-C(6)-H(10)	-90.348
		H(9)	3.003 -0.876 -1.637
		H(10)	2.859 -1.755 -0.000
		H(12)	-2.772 0.236 -0.487
		H(13)	-2.502 1.854 0.406



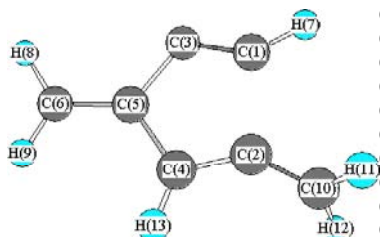
C(6)-C(1)-C(3)-C(4)	176.201		
C(6)-C(1)-C(3)-C(5)	0.633		
C(3)-C(1)-C(6)-H(10)	-175.860	C(1)	0.704 0.871 -0.401
C(9)-C(2)-C(4)-C(3)	162.694	C(2)	0.796 -0.922 -0.170
C(1)-C(3)	1.494	C(3)	-0.752 0.597 -0.203
C(1)-C(6)	1.279	C(4)	-0.592 -0.844 -0.111
C(2)-C(4)	1.392	C(5)	-1.820 1.440 -0.218
C(2)-C(9)	1.357	C(6)	1.581 1.774 -0.626
C(3)-C(4)	1.453	C(1)-C(3)-C(4)-C(2)	4.294
C(3)-C(5)	1.361	C(1)-C(3)-C(4)-H(11)	-166.421
C(4)-H(11)	1.093	C(5)-C(3)-C(4)-C(2)	179.684
C(5)-H(7)	1.093	C(5)-C(3)-C(4)-H(11)	8.928
C(5)-H(8)	1.091	C(1)-C(3)-C(5)-H(7)	173.005
C(6)-H(10)	1.081	C(1)-C(3)-C(5)-H(8)	-5.354
C(9)-H(12)	1.094	C(4)-C(3)-C(5)-H(7)	-0.895
C(9)-H(13)	1.096	C(4)-C(3)-C(5)-H(8)	-179.224
		H(11)	-1.335 -1.644 -0.157
		H(7)	-2.841 1.055 -0.166
		H(8)	-1.688 2.520 -0.309
		H(10)	2.621 2.000 -0.814
		H(12)	2.841 -1.518 -0.392
		H(13)	1.830 -2.520 0.814



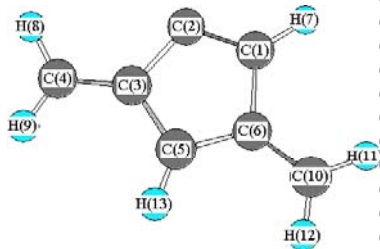
H(7)-C(1)-C(2)-C(4)	0.000		
H(7)-C(1)-C(2)-C(5)	179.684		
H(8)-C(1)-C(2)-C(4)	-179.000		
H(8)-C(1)-C(2)-C(5)	0.000		
C(1)-C(2)-C(4)-C(6)	180.000		
C(1)-C(2)-C(4)-H(11)	0.000		
C(5)-C(2)-C(4)-C(6)	0.000		
C(5)-C(2)-C(4)-H(11)	180.000		
C(1)-C(2)-C(5)-C(3)	0.000		
C(1)-C(2)-C(5)-C(6)	-179.000		
C(4)-C(2)-C(5)-C(3)	-179.000		
C(4)-C(2)-C(5)-C(6)	0.000		
H(10)-C(3)-C(5)-C(2)	0.000		
C(1)-C(2)	1.367	H(10)-C(3)-C(5)-C(6)	-179.000
C(1)-H(7)	1.093	C(2)-C(4)-C(6)-C(5)	0.000
C(1)-H(8)	1.092	C(2)-C(4)-C(6)-C(9)	180.000
C(2)-C(4)	1.443	H(11)-C(4)-C(6)-C(5)	-179.000
C(2)-C(5)	1.539	H(11)-C(4)-C(6)-C(9)	0.000
C(3)-C(5)	1.316	C(2)-C(5)-C(6)-C(4)	0.000
C(3)-H(10)	1.088	C(2)-C(5)-C(6)-C(9)	180.000
C(4)-C(6)	1.443	C(3)-C(5)-C(6)-C(4)	180.000
C(4)-H(11)	1.092	C(3)-C(5)-C(6)-C(9)	0.000
C(5)-C(6)	1.523	C(4)-C(6)-C(9)-H(12)	0.000
C(6)-C(9)	1.368	C(4)-C(6)-C(9)-H(13)	-179.000
C(9)-H(12)	1.093	C(5)-C(6)-C(9)-H(12)	180.000
C(9)-H(13)	1.092	C(5)-C(6)-C(9)-H(13)	0.000
		H(7)	2.762 -1.462 0.019
		H(10)	2.780 1.832 -0.040
		H(11)	-1.478 -1.462 0.030
		H(12)	-2.780 1.452 -0.019
		H(13)	-1.461 2.775 -0.046



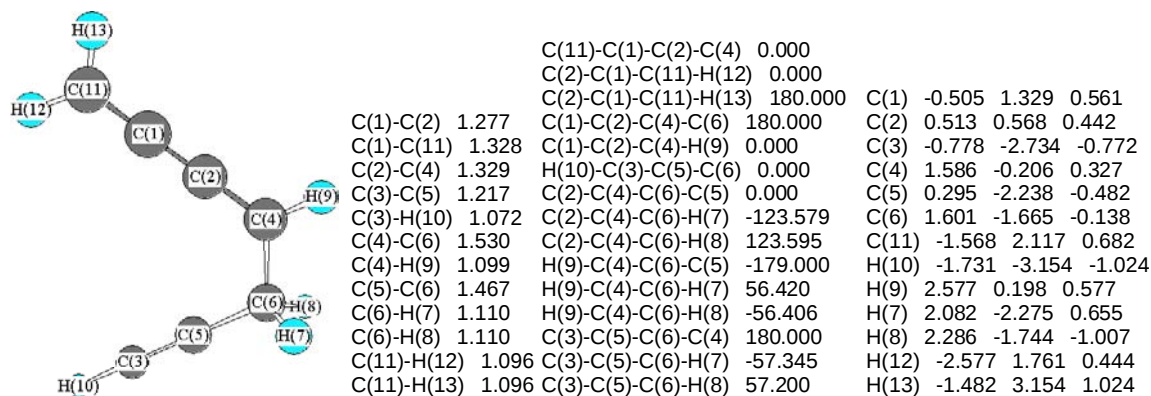
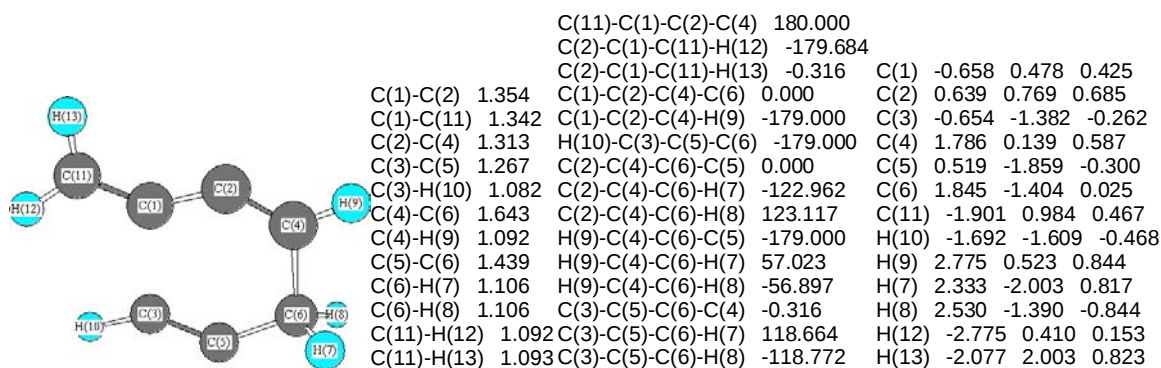
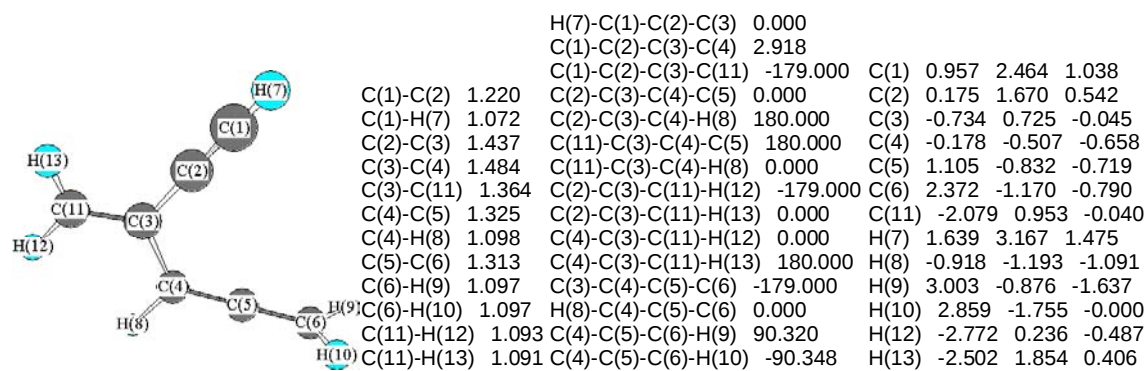
	H(7)-C(1)-C(2)-C(3)	0.000			
	C(1)-C(2)-C(3)-C(4)	2.918			
	C(1)-C(2)-C(3)-C(11)	-179.000	C(1)	0.957	2.464 1.038
C(1)-C(2)	1.220	C(2)-C(3)-C(4)-C(5)	0.000	C(2)	0.175 1.670 0.542
C(1)-H(7)	1.072	C(2)-C(3)-C(4)-H(8)	180.000	C(3)	-0.734 0.725 -0.045
C(2)-C(3)	1.437	C(11)-C(3)-C(4)-C(5)	180.000	C(4)	-0.178 -0.507 -0.658
C(3)-C(4)	1.484	C(11)-C(3)-C(4)-H(8)	0.000	C(5)	1.105 -0.832 -0.719
C(3)-C(11)	1.364	C(2)-C(3)-C(11)-H(12)	-179.000	C(6)	2.372 -1.170 -0.790
C(4)-C(5)	1.325	C(2)-C(3)-C(11)-H(13)	0.000	C(11)	-2.079 0.953 -0.040
C(4)-H(8)	1.098	C(4)-C(3)-C(11)-H(12)	0.000	H(7)	1.639 3.167 1.475
C(5)-C(6)	1.313	C(4)-C(3)-C(11)-H(13)	180.000	H(8)	-0.918 -1.193 -1.091
C(6)-H(9)	1.097	C(3)-C(4)-C(5)-C(6)	-179.000	H(9)	3.003 -0.876 -1.637
C(6)-H(10)	1.097	H(8)-C(4)-C(5)-C(6)	0.000	H(10)	2.859 -1.755 -0.000
C(11)-H(12)	1.093	C(4)-C(5)-C(6)-H(9)	90.320	H(12)	-2.772 0.236 -0.487
C(11)-H(13)	1.091	C(4)-C(5)-C(6)-H(10)	-90.348	H(13)	-2.502 1.854 0.406

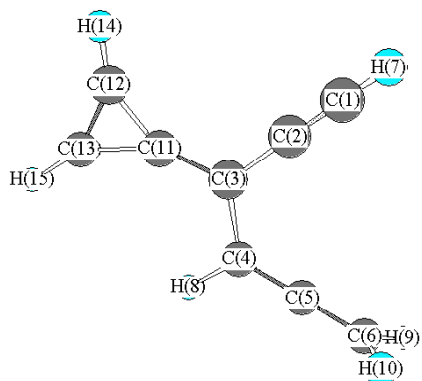


	H(7)-C(1)-C(3)-C(5)	-178.266			
	C(10)-C(2)-C(4)-C(5)	-163.867			
	C(10)-C(2)-C(4)-H(13)	15.697	C(1)	1.071	1.333 -0.263
C(1)-C(3)	1.292	C(4)-C(2)-C(10)-H(11)	-138.263	C(2)	1.046 -0.511 0.064
C(1)-H(7)	1.082	C(4)-C(2)-C(10)-H(12)	52.779	C(3)	-0.174 1.508 -0.565
C(2)-C(4)	1.362	C(1)-C(3)-C(5)-C(4)	-8.339	C(4)	-0.285 -0.784 -0.022
C(2)-C(10)	1.364	C(1)-C(3)-C(5)-C(6)	171.782	C(5)	-1.108 0.400 -0.367
C(3)-C(5)	1.463	C(2)-C(4)-C(5)-C(3)	2.411	C(6)	-2.463 0.416 -0.471
C(4)-C(5)	1.482	C(2)-C(4)-C(5)-C(6)	-177.717	C(10)	2.268 -1.116 0.087
C(4)-H(13)	1.095	H(13)-C(4)-C(5)-C(3)	-177.168	H(7)	2.031 1.829 -0.225
C(5)-C(6)	1.358	H(13)-C(4)-C(5)-C(6)	2.705	H(13)	-0.707 -1.781 0.141
C(6)-H(8)	1.092	C(3)-C(5)-C(6)-H(8)	2.553	H(8)	-2.998 1.319 -0.772
C(6)-H(9)	1.093	C(3)-C(5)-C(6)-H(9)	-178.549	H(9)	-3.057 -0.480 -0.275
C(10)-H(11)	1.096	C(4)-C(5)-C(6)-H(8)	-177.332	H(11)	3.057 -0.787 0.772
C(10)-H(12)	1.097	C(4)-C(5)-C(6)-H(9)	1.582	H(12)	2.574 -1.829 -0.689



	C(6)-C(1)-C(2)-C(3)	0.000			
	H(7)-C(1)-C(2)-C(3)	180.000			
	C(2)-C(1)-C(6)-C(5)	0.000			
	C(2)-C(1)-C(6)-C(10)	-179.000			
	H(7)-C(1)-C(6)-C(5)	180.000			
	H(7)-C(1)-C(6)-C(10)	0.000			
	C(1)-C(2)-C(3)-C(4)	-179.000			
	C(1)-C(2)-C(3)-C(5)	0.000			
	C(2)-C(3)-C(4)-H(8)	0.000			
	C(2)-C(3)-C(4)-H(9)	180.000			
	C(5)-C(3)-C(4)-H(8)	179.684			
C(1)-C(2)	1.346	C(5)-C(3)-C(4)-H(9)	0.000	C(1)	1.114 1.422 -0.182
C(1)-C(6)	1.504	C(2)-C(3)-C(5)-C(6)	0.000	C(2)	-0.159 1.859 -0.181
C(1)-H(7)	1.090	C(2)-C(3)-C(5)-H(13)	-179.000	C(3)	-1.152 0.778 0.019
C(2)-C(3)	1.482	C(4)-C(3)-C(5)-C(6)	180.000	C(4)	-2.520 0.895 0.070
C(3)-C(4)	1.374	C(4)-C(3)-C(5)-H(13)	0.000	C(5)	-0.343 -0.414 0.146
C(3)-C(5)	1.446	C(3)-C(5)-C(6)-C(1)	0.000	C(6)	1.053 -0.066 0.029
C(4)-H(8)	1.092	C(3)-C(5)-C(6)-C(10)	180.000	C(10)	2.135 -0.910 0.094
C(4)-H(9)	1.093	H(13)-C(5)-C(6)-C(1)	180.000	H(7)	2.039 1.985 -0.306
C(5)-C(6)	1.444	H(13)-C(5)-C(6)-C(10)	0.000	H(8)	-3.011 1.864 -0.042
C(5)-H(13)	1.092	C(1)-C(6)-C(10)-H(11)	0.000	H(9)	-3.159 0.022 0.223
C(6)-C(10)	1.374	C(1)-C(6)-C(10)-H(12)	180.000	H(13)	-0.731 -1.422 0.306
C(10)-H(11)	1.093	C(5)-C(6)-C(10)-H(11)	-179.000	H(11)	3.159 -0.541 -0.008
C(10)-H(12)	1.094	C(5)-C(6)-C(10)-H(12)	0.000	H(12)	2.006 -1.985 0.251

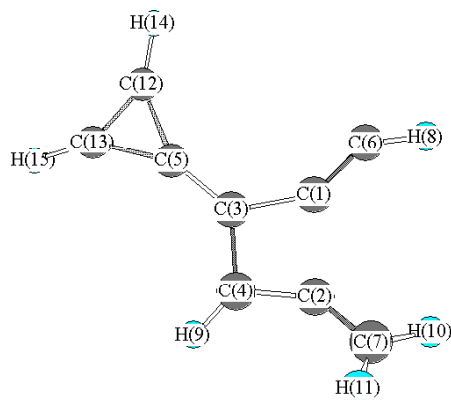




C(1)-C(2)	1.222	C(5)-C(6)	1.315
C(1)-H(7)	1.072	C(6)-H(9)	1.098
C(2)-C(3)	1.433	C(6)-H(10)	1.098
C(3)-C(4)	1.483	C(11)-C(12)	1.445
C(3)-C(11)	1.363	C(11)-C(13)	1.451
C(4)-C(5)	1.325	C(12)-C(13)	1.334
C(4)-H(8)	1.099	C(12)-H(14)	1.088
		C(13)-H(15)	1.088

H(7)-C(1)-C(2)-C(3)	0.000
C(1)-C(2)-C(3)-C(4)	0.000
C(1)-C(2)-C(3)-C(11)	180.000
C(2)-C(3)-C(4)-C(5)	0.000
C(2)-C(3)-C(4)-H(8)	-179.000
C(11)-C(3)-C(4)-C(5)	180.000
C(11)-C(3)-C(4)-H(8)	0.000
C(2)-C(3)-C(11)-C(12)	0.000
C(2)-C(3)-C(11)-C(13)	-179.684
C(4)-C(3)-C(11)-C(12)	180.000
C(4)-C(3)-C(11)-C(13)	0.000
C(3)-C(4)-C(5)-C(6)	175.578
H(8)-C(4)-C(5)-C(6)	-4.329
C(4)-C(5)-C(6)-H(9)	90.439
C(4)-C(5)-C(6)-H(10)	-90.292
C(3)-C(11)-C(12)-C(13)	-179.000
C(3)-C(11)-C(12)-H(14)	0.000
C(13)-C(11)-C(12)-H(14)	180.000
C(3)-C(11)-C(13)-C(12)	180.000
C(3)-C(11)-C(13)-H(15)	0.000
C(12)-C(11)-C(13)-H(15)	180.000
C(11)-C(12)-C(13)-H(15)	-179.000
H(14)-C(12)-C(13)-C(11)	-179.000
H(14)-C(12)-C(13)-H(15)	0.000

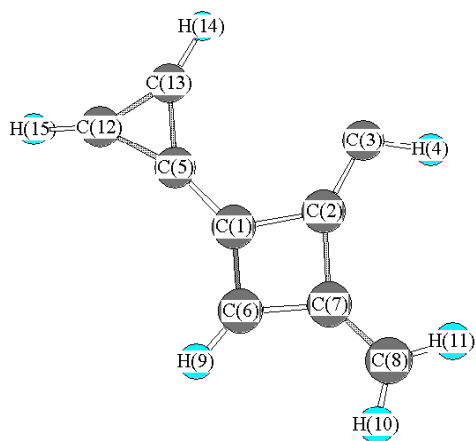
C(1)	2.222	2.023	0.670
C(2)	1.280	1.368	0.250
C(3)	0.181	0.593	-0.244
C(4)	0.369	-0.822	-0.643
C(5)	1.502	-1.510	-0.599
C(6)	2.614	-2.209	-0.563
C(11)	-1.051	1.168	-0.346
C(12)	-1.959	2.283	-0.206
C(13)	-2.463	1.141	-0.678
H(7)	3.050	2.595	1.039
H(8)	-0.535	-1.329	-1.009
H(9)	3.309	-2.243	-1.412
H(10)	2.912	-2.785	0.323
H(14)	-2.121	3.319	0.081
H(15)	-3.330	0.596	-1.047



C(1)-C(3)	1.488	C(5)-C(12)	1.446
C(1)-C(6)	1.284	C(5)-C(13)	1.451
C(2)-C(4)	1.396	C(6)-H(8)	1.085
C(2)-C(7)	1.354	C(7)-H(10)	1.095
C(3)-C(4)	1.446	C(7)-H(11)	1.097
C(3)-C(5)	1.362	C(12)-C(13)	1.334
C(4)-H(9)	1.094	C(12)-H(14)	1.088
		C(13)-H(15)	1.088

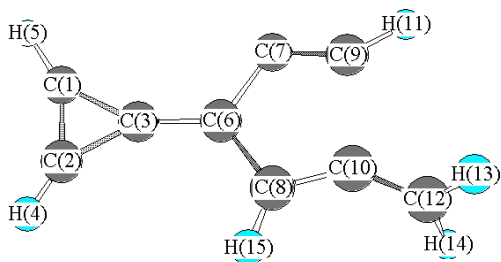
C(6)-C(1)-C(3)-C(4)	177.117
C(6)-C(1)-C(3)-C(5)	-0.949
C(3)-C(1)-C(6)-H(8)	177.133
C(7)-C(2)-C(4)-C(3)	158.997
C(7)-C(2)-C(4)-H(9)	-31.014
C(4)-C(2)-C(7)-H(10)	165.495
C(4)-C(2)-C(7)-H(11)	-20.512
C(1)-C(3)-C(4)-C(2)	4.410
C(1)-C(3)-C(4)-H(9)	-165.477
C(5)-C(3)-C(4)-C(2)	-177.631
C(5)-C(3)-C(4)-H(9)	12.465
C(1)-C(3)-C(5)-C(12)	1.306
C(1)-C(3)-C(5)-C(13)	167.285
C(4)-C(3)-C(5)-C(12)	-176.072
C(4)-C(3)-C(5)-C(13)	-10.058
C(3)-C(5)-C(12)-C(13)	172.405
C(3)-C(5)-C(12)-H(14)	-8.437
C(13)-C(5)-C(12)-H(14)	179.163
C(3)-C(5)-C(13)-C(12)	-171.844
C(3)-C(5)-C(13)-H(15)	8.405
C(12)-C(5)-C(13)-H(15)	-179.000
C(5)-C(12)-C(13)-H(15)	180.000
H(14)-C(12)-C(13)-C(5)	-179.163
H(14)-C(12)-C(13)-H(15)	0.706

C(1)	1.439	0.195	-0.498
C(2)	1.454	-1.611	-0.232
C(3)	-0.025	-0.068	-0.545
C(4)	0.074	-1.504	-0.414
C(5)	-1.059	0.803	-0.706
C(6)	2.338	1.109	-0.574
C(7)	2.434	-2.413	0.246
C(12)	-1.571	2.140	-0.910
C(13)	-2.448	1.135	-0.964
H(9)	-0.672	-2.284	-0.591
H(8)	3.412	1.235	-0.495
H(10)	3.485	-2.234	-0.002
H(11)	2.231	-3.209	0.973
H(14)	-1.377	3.209	-0.966
H(15)	-3.477	0.808	-1.102



	C(5)-C(13)	1.414
	C(6)-C(7)	1.479
C(1)-C(2)	1.509	
C(1)-C(5)	1.391	
C(1)-C(6)	1.409	
C(2)-C(3)	1.356	
C(2)-C(7)	1.553	
C(3)-H(4)	1.119	
C(5)-C(12)	1.417	
	C(6)-H(9)	1.091
	C(7)-C(8)	1.357
	C(8)-H(10)	1.095
	C(8)-H(11)	1.095
	C(12)-C(13)	1.355
	C(12)-H(15)	1.090
	C(13)-H(14)	1.086

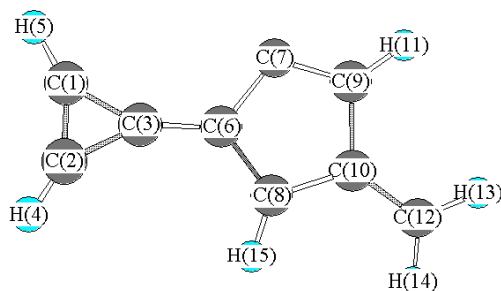
C(5)-C(1)-C(2)-C(3)	0.000	
C(5)-C(1)-C(2)-C(7)	180.000	
C(6)-C(1)-C(2)-C(3)	-179.000	
C(6)-C(1)-C(2)-C(7)	0.000	
C(2)-C(1)-C(5)-C(12)	-179.000	
C(2)-C(1)-C(5)-C(13)	0.000	
C(6)-C(1)-C(5)-C(12)	0.000	
C(6)-C(1)-C(5)-C(13)	180.000	
C(2)-C(1)-C(6)-C(7)	0.000	
C(2)-C(1)-C(6)-H(9)	180.000	
C(5)-C(1)-C(6)-C(7)	-179.000	
C(5)-C(1)-C(6)-H(9)	0.000	
C(1)-C(2)-C(3)-H(4)	180.000	
C(7)-C(2)-C(3)-H(4)	0.000	
C(1)-C(2)-C(7)-C(6)	0.000	
C(1)-C(2)-C(7)-C(8)	-179.000	
C(3)-C(2)-C(7)-C(6)	180.000	
C(3)-C(2)-C(7)-C(8)	0.000	
C(1)-C(5)-C(12)-C(13)	180.000	
C(1)-C(5)-C(12)-H(15)	0.000	
C(13)-C(5)-C(12)-H(15)	180.000	
C(1)-C(5)-C(13)-C(12)	-179.000	
C(1)-C(5)-C(13)-H(14)	0.000	
C(12)-C(5)-C(13)-H(14)	180.000	
C(1)-C(6)-C(7)-C(2)	0.000	
C(1)-C(6)-C(7)-C(8)	180.000	
H(9)-C(6)-C(7)-C(2)	-179.000	
H(9)-C(6)-C(7)-C(8)	0.000	
C(2)-C(7)-C(8)-H(10)	-179.000	
C(2)-C(7)-C(8)-H(11)	0.000	
C(6)-C(7)-C(8)-H(10)	0.000	
C(6)-C(7)-C(8)-H(11)	180.000	
C(5)-C(12)-C(13)-H(14)	-179.000	
H(15)-C(12)-C(13)-C(5)	-179.000	
H(15)-C(12)-C(13)-H(14)	0.448	
C(1)	-0.159	-0.022 -0.046
C(2)	1.328	0.233 -0.004
C(3)	1.990	1.409 -0.139
C(5)	-1.129	0.956 -0.241
C(6)	-0.054	-1.412 0.161
C(7)	1.419	-1.301 0.224
C(8)	2.405	-2.215 0.410
C(12)	-2.366	1.628 -0.405
C(13)	-1.222	2.351 -0.448
H(4)	3.095	1.256 -0.057
H(9)	-0.764	-2.237 0.243
H(10)	2.203	-3.282 0.554
H(11)	3.454	-1.901 0.421
H(15)	-3.454	1.587 -0.457
H(14)	-0.672	3.282 -0.554



C(1)-C(2)	1.336	C(6)-C(8)	1.467
C(1)-C(3)	1.441	C(7)-C(9)	1.290
C(1)-H(5)	1.088	C(8)-C(10)	1.365
C(2)-C(3)	1.446	C(8)-H(15)	1.095
C(2)-H(4)	1.088	C(9)-H(11)	1.081
C(3)-C(6)	1.364	C(10)-C(12)	1.357
C(6)-C(7)	1.455	C(12)-H(13)	1.097
		C(12)-H(14)	1.098

C(3)-C(1)-C(2)-H(4)	-179.684
H(5)-C(1)-C(2)-C(3)	179.368
H(5)-C(1)-C(2)-H(4)	-0.547
C(2)-C(1)-C(3)-C(6)	177.806
H(5)-C(1)-C(3)-C(2)	-179.368
H(5)-C(1)-C(3)-C(6)	-1.644
C(1)-C(2)-C(3)-C(6)	-177.762
H(4)-C(2)-C(3)-C(1)	179.684
H(4)-C(2)-C(3)-C(6)	1.925
C(1)-C(3)-C(6)-C(7)	5.289
C(1)-C(3)-C(6)-C(8)	-178.154
C(2)-C(3)-C(6)-C(7)	-178.621
C(2)-C(3)-C(6)-C(8)	-2.027
C(3)-C(6)-C(7)-C(9)	167.514
C(8)-C(6)-C(7)-C(9)	-9.522
C(3)-C(6)-C(8)-C(10)	-172.714
C(3)-C(6)-C(8)-H(15)	4.079
C(7)-C(6)-C(8)-C(10)	4.375
C(7)-C(6)-C(8)-H(15)	-178.815
C(6)-C(7)-C(9)-H(11)	171.111
C(6)-C(8)-C(10)-C(12)	-157.939
H(15)-C(8)-C(10)-C(12)	25.243
C(8)-C(10)-C(12)-H(13)	-143.378
C(8)-C(10)-C(12)-H(14)	46.455

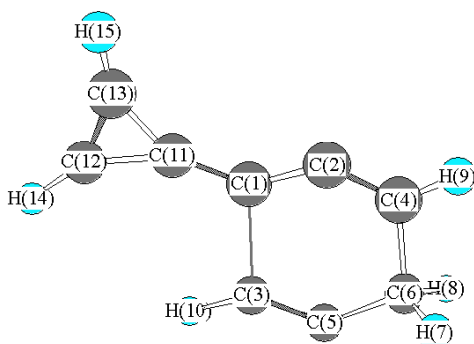
C(1)	-3.147	0.836	-0.570
C(2)	-3.146	-0.418	-0.107
C(3)	-1.868	0.234	-0.284
C(6)	-0.505	0.260	-0.252
C(7)	0.349	1.394	-0.571
C(8)	0.348	-0.850	0.186
C(9)	1.601	1.344	-0.264
C(10)	1.673	-0.532	0.277
C(12)	2.926	-1.050	0.285
H(5)	-3.712	1.696	-0.921
H(4)	-3.717	-1.297	0.186
H(15)	-0.043	-1.833	0.469
H(11)	2.559	1.833	-0.376
H(13)	3.717	-0.634	0.921
H(14)	3.255	-1.797	-0.450



C(1)-C(2)	1.337	C(6)-C(8)	1.442
C(1)-C(3)	1.439	C(7)-C(9)	1.356
C(1)-H(5)	1.088	C(8)-C(10)	1.440
C(2)-C(3)	1.447	C(8)-H(15)	1.092
C(2)-H(4)	1.088	C(9)-C(10)	1.497
C(3)-C(6)	1.371	C(9)-H(11)	1.091
C(6)-C(7)	1.479	C(10)-C(12)	1.382
		C(12)-H(13)	1.093
		C(12)-H(14)	1.094

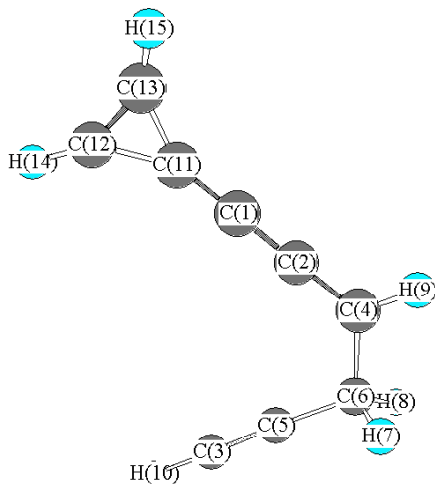
C(3)-C(1)-C(2)-H(4)	-179.000
H(5)-C(1)-C(2)-C(3)	179.684
H(5)-C(1)-C(2)-H(4)	0.000
C(2)-C(1)-C(3)-C(6)	179.105
H(5)-C(1)-C(3)-C(2)	-179.684
H(5)-C(1)-C(3)-C(6)	-0.547
C(1)-C(2)-C(3)-C(6)	-179.105
H(4)-C(2)-C(3)-C(1)	179.684
H(4)-C(2)-C(3)-C(6)	0.775
C(1)-C(3)-C(6)-C(7)	3.020
C(1)-C(3)-C(6)-C(8)	-176.694
C(2)-C(3)-C(6)-C(7)	-178.658
C(2)-C(3)-C(6)-C(8)	1.675
C(3)-C(6)-C(7)-C(9)	174.000
C(8)-C(6)-C(7)-C(9)	-6.230
C(3)-C(6)-C(8)-C(10)	-176.726
C(3)-C(6)-C(8)-H(15)	11.825
C(7)-C(6)-C(8)-C(10)	3.511
C(7)-C(6)-C(8)-H(15)	-167.937
C(6)-C(7)-C(9)-C(10)	6.277
C(6)-C(7)-C(9)-H(11)	-177.831
C(6)-C(8)-C(10)-C(9)	0.000
C(6)-C(8)-C(10)-C(12)	-174.627
H(15)-C(8)-C(10)-C(9)	171.553
H(15)-C(8)-C(10)-C(12)	-3.118
C(7)-C(9)-C(10)-C(8)	-3.941
C(7)-C(9)-C(10)-C(12)	170.789
H(11)-C(9)-C(10)-C(8)	180.000
H(11)-C(9)-C(10)-C(12)	-5.345
C(8)-C(10)-C(12)-H(13)	-177.923
C(8)-C(10)-C(12)-H(14)	3.719
C(9)-C(10)-C(12)-H(13)	8.395
C(9)-C(10)-C(12)-H(14)	-169.962

C(1)	-3.166	1.207	0.140
C(2)	-3.202	-0.121	0.290
C(3)	-1.913	0.504	0.087
C(6)	-0.550	0.468	-0.062
C(7)	0.352	1.626	-0.243
C(8)	0.301	-0.696	-0.080
C(9)	1.649	1.232	-0.226
C(10)	1.670	-0.264	-0.182
C(12)	2.786	-1.065	-0.332
H(5)	-3.709	2.149	0.090
H(4)	-3.794	-1.020	0.449
H(15)	-0.038	-1.731	-0.159
H(11)	2.547	1.847	-0.301
H(13)	3.794	-0.643	-0.367
H(14)	2.698	-2.149	-0.449



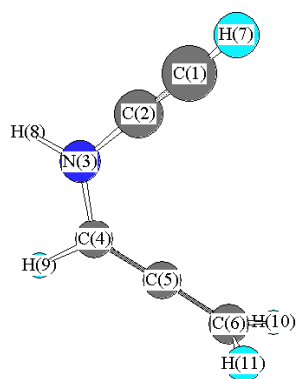
C(1)-C(2)	1.353	C(4)-H(9)	1.090
C(1)-C(3)	1.979	C(5)-C(6)	1.441
C(1)-C(11)	1.334	C(6)-H(7)	1.107
C(2)-C(4)	1.313	C(6)-H(8)	1.107
C(3)-C(5)	1.269	C(11)-C(12)	1.458
C(3)-H(10)	1.082	C(11)-C(13)	1.460
C(4)-C(6)	1.653	C(12)-C(13)	1.329
		C(12)-H(14)	1.089
		C(13)-H(15)	1.088

C(11)-C(1)-C(2)-C(4)	180.000	C(1)	-0.163	0.434	0.135
C(2)-C(1)-C(11)-C(12)	179.684	C(2)	1.122	0.749	0.417
C(2)-C(1)-C(11)-C(13)	0.000	C(3)	-0.104	-1.387	-0.636
C(1)-C(2)-C(4)-C(6)	0.000	C(4)	2.293	0.168	0.303
C(1)-C(2)-C(4)-H(9)	180.000	C(5)	1.084	-1.831	-0.689
H(10)-C(3)-C(5)-C(6)	-179.000	C(6)	2.396	-1.354	-0.335
C(2)-C(4)-C(6)-C(5)	0.000	C(11)	-1.410	0.904	0.192
C(2)-C(4)-C(6)-H(7)	-122.965	C(12)	-2.848	0.795	-0.019
C(2)-C(4)-C(6)-H(8)	122.964	C(13)	-2.400	1.926	0.515
H(9)-C(4)-C(6)-C(5)	180.000	H(10)	-1.131	-1.642	-0.863
H(9)-C(4)-C(6)-H(7)	57.035	H(9)	3.270	0.563	0.584
H(9)-C(4)-C(6)-H(8)	-57.037	H(7)	2.895	-1.980	0.429
C(3)-C(5)-C(6)-C(4)	-0.316	H(8)	3.082	-1.284	-1.200
C(3)-C(5)-C(6)-H(7)	118.923	H(14)	-3.699	0.211	-0.366
C(3)-C(5)-C(6)-H(8)	-118.923	H(15)	-2.609	2.917	0.914
C(1)-C(11)-C(12)-C(13)	-179.000				
C(1)-C(11)-C(12)-H(14)	0.000				
C(13)-C(11)-C(12)-H(14)	179.684				
C(1)-C(11)-C(13)-C(12)	180.000				
C(1)-C(11)-C(13)-H(15)	0.000				
C(12)-C(11)-C(13)-H(15)	180.000				
C(11)-C(12)-C(13)-H(15)	-179.000				
H(14)-C(12)-C(13)-C(11)	-179.000				
H(14)-C(12)-C(13)-H(15)	0.000				

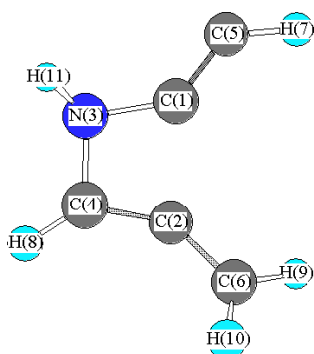


C(1)-C(2)	1.277	C(5)-C(6)	1.469
C(1)-C(11)	1.317	C(6)-H(7)	1.110
C(2)-C(4)	1.331	C(6)-H(8)	1.110
C(3)-C(5)	1.217	C(11)-C(12)	1.463
C(3)-H(10)	1.072	C(11)-C(13)	1.463
C(4)-C(6)	1.533	C(12)-C(13)	1.329
C(4)-H(9)	1.098	C(12)-H(14)	1.089
		C(13)-H(15)	1.089

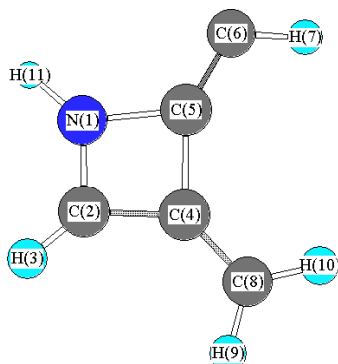
C(11)-C(1)-C(2)-C(4)	0.000	C(1)	0.603	0.877	0.408
C(2)-C(1)-C(11)-C(12)	0.000	C(2)	1.583	0.068	0.289
C(2)-C(1)-C(11)-C(13)	180.000	C(3)	0.158	-3.124	-1.066
C(1)-C(2)-C(4)-C(6)	178.658	C(4)	2.621	-0.758	0.175
C(1)-C(2)-C(4)-H(9)	-3.745	C(5)	1.247	-2.693	-0.732
H(10)-C(3)-C(5)-C(6)	0.000	C(6)	2.573	-2.201	-0.338
C(2)-C(4)-C(6)-C(5)	0.000	C(11)	-0.414	1.705	0.526
C(2)-C(4)-C(6)-H(7)	-123.259	C(12)	-1.831	2.052	0.409
C(2)-C(4)-C(6)-H(8)	123.256	C(13)	-1.015	2.992	0.875
H(9)-C(4)-C(6)-C(5)	180.000	H(10)	-0.809	-3.486	-1.354
H(9)-C(4)-C(6)-H(7)	56.736	H(9)	3.622	-0.411	0.464
H(9)-C(4)-C(6)-H(8)	-56.750	H(7)	2.994	-2.871	0.442
C(3)-C(5)-C(6)-C(4)	180.000	H(8)	3.269	-2.298	-1.197
C(3)-C(5)-C(6)-H(7)	-57.051	H(14)	-2.840	1.750	0.134
C(3)-C(5)-C(6)-H(8)	56.918	H(15)	-0.885	4.006	1.252
C(1)-C(11)-C(12)-C(13)	-179.000				
C(1)-C(11)-C(12)-H(14)	0.000				
C(13)-C(11)-C(12)-H(14)	180.000				
C(1)-C(11)-C(13)-C(12)	180.000				
C(1)-C(11)-C(13)-H(15)	0.000				
C(12)-C(11)-C(13)-H(15)	179.684				
C(11)-C(12)-C(13)-H(15)	180.000				
H(14)-C(12)-C(13)-C(11)	180.000				
H(14)-C(12)-C(13)-H(15)	0.000				



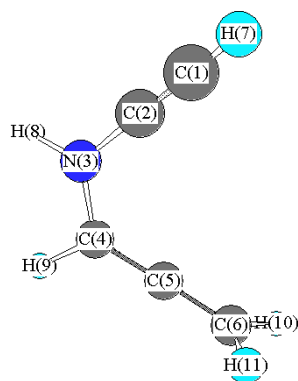
C(1)-C(2)	1.222	H(7)-C(1)-C(2)-N(3)	-179.000	C(1)	0.391	1.426	1.140
C(1)-H(7)	1.071	C(1)-C(2)-N(3)-C(4)	-101.217	C(2)	-0.453	0.751	0.569
C(2)-N(3)	1.353	C(1)-C(2)-N(3)-H(8)	99.108	N(3)	-1.419	-0.022	0.023
N(3)-C(4)	1.426	C(2)-N(3)-C(4)-C(5)	5.718	C(4)	-1.192	-1.322	-0.519
N(3)-H(8)	1.020	C(2)-N(3)-C(4)-H(9)	-176.404	C(5)	-0.059	-2.003	-0.478
C(4)-C(5)	1.322	H(8)-N(3)-C(4)-C(5)	165.731	C(6)	1.043	-2.720	-0.442
C(4)-H(9)	1.095	H(8)-N(3)-C(4)-H(9)	-16.389	H(7)	1.173	2.062	1.500
C(5)-C(6)	1.315	N(3)-C(4)-C(5)-C(6)	156.707	H(8)	-2.270	0.443	-0.292
C(6)-H(10)	1.099	H(9)-C(4)-C(5)-C(6)	-20.937	H(9)	-2.093	-1.751	-0.968
C(6)-H(11)	1.099	C(4)-C(5)-C(6)-H(10)	111.220	H(10)	1.787	-2.690	-1.250
		C(4)-C(5)-C(6)-H(11)	-69.411	H(11)	1.284	-3.382	0.401



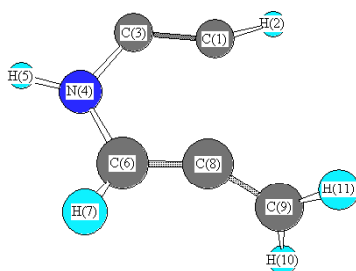
C(1)-N(3)	1.430	C(5)-C(1)-N(3)-C(4)	-174.827	C(1)	0.230	1.294	-0.173
C(1)-C(5)	1.286	C(5)-C(1)-N(3)-H(11)	-26.516	C(2)	0.157	-0.578	-0.284
C(2)-C(4)	1.392	N(3)-C(1)-C(5)-H(7)	166.729	N(3)	-1.159	1.058	0.072
C(2)-C(6)	1.347	C(6)-C(2)-C(4)-N(3)	154.468	C(4)	-1.178	-0.322	0.014
N(3)-C(4)	1.382	C(6)-C(2)-C(4)-H(8)	-39.408	C(5)	1.016	2.311	-0.191
N(3)-H(11)	1.030	C(4)-C(2)-C(6)-H(9)	172.674	C(6)	1.121	-1.512	-0.173
C(4)-H(8)	1.092	C(4)-C(2)-C(6)-H(10)	-12.432	H(11)	-1.753	1.657	0.664
C(5)-H(7)	1.087	C(1)-N(3)-C(4)-C(2)	-1.644	H(8)	-2.100	-0.909	-0.005
C(6)-H(9)	1.096	C(1)-N(3)-C(4)-H(8)	-169.938	H(7)	2.100	2.398	-0.206
C(6)-H(10)	1.098	H(11)-N(3)-C(4)-C(2)	-148.906	H(9)	2.091	-1.379	-0.664
		H(11)-N(3)-C(4)-H(8)	42.813	H(10)	1.020	-2.398	0.467



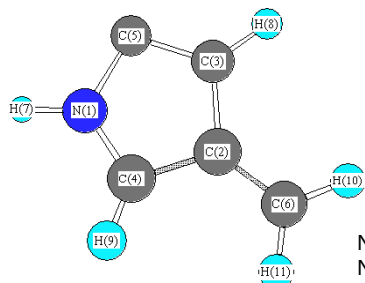
N(1)-C(2)	1.344	C(5)-N(1)-C(2)-C(4)	2.430	N(1)	-1.333	1.075	0.212
N(1)-C(5)	1.517	C(5)-N(1)-C(2)-H(3)	-179.000	C(2)	-1.305	-0.268	0.172
N(1)-H(11)	1.028	H(11)-N(1)-C(2)-C(4)	165.988	C(4)	0.156	-0.321	0.127
C(2)-C(4)	1.463	H(11)-N(1)-C(2)-H(3)	-16.448	C(5)	0.173	1.224	0.107
C(2)-H(3)	1.089	C(2)-N(1)-C(5)-C(4)	-2.326	C(6)	0.848	2.349	-0.046
C(4)-C(5)	1.545	C(2)-N(1)-C(5)-C(6)	172.653	C(8)	1.078	-1.299	-0.018
C(4)-C(8)	1.352	H(11)-N(1)-C(5)-C(4)	-165.614	H(11)	-2.104	1.741	0.066
C(5)-C(6)	1.321	H(11)-N(1)-C(5)-C(6)	9.362	H(3)	-2.144	-0.961	0.213
C(6)-H(7)	1.101	N(1)-C(2)-C(4)-C(5)	-2.390	H(7)	1.934	2.290	-0.213
C(8)-H(9)	1.093	N(1)-C(2)-C(4)-C(8)	-174.664	H(9)	0.797	-2.349	-0.134
C(8)-H(10)	1.093	H(3)-C(2)-C(4)-C(5)	-179.553	H(10)	2.144	-1.059	-0.034
		H(3)-C(2)-C(4)-C(8)	8.223				
		C(2)-C(4)-C(5)-N(1)	2.123				
		C(2)-C(4)-C(5)-C(6)	-169.994				
		C(8)-C(4)-C(5)-N(1)	174.353				
		C(8)-C(4)-C(5)-C(6)	2.238				
		C(2)-C(4)-C(8)-H(9)	-0.316				
		C(2)-C(4)-C(8)-H(10)	178.902				
		C(5)-C(4)-C(8)-H(9)	-169.237				
		C(5)-C(4)-C(8)-H(10)	10.002				
		N(1)-C(5)-C(6)-H(7)	-173.659				
		C(4)-C(5)-C(6)-H(7)	-3.439				



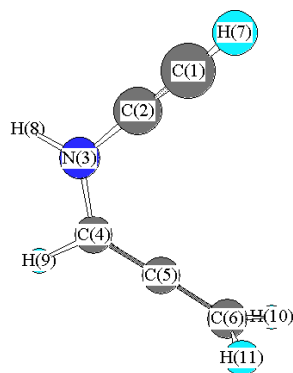
C(1)-C(2)	1.222	H(7)-C(1)-C(2)-N(3)	-179.000	C(1)	0.391	1.426	1.140
C(1)-H(7)	1.071	C(1)-C(2)-N(3)-C(4)	-101.217	C(2)	-0.453	0.751	0.569
C(2)-N(3)	1.353	C(1)-C(2)-N(3)-H(8)	99.108	N(3)	-1.419	-0.022	0.023
N(3)-C(4)	1.426	C(2)-N(3)-C(4)-C(5)	5.718	C(4)	-1.192	-1.322	-0.519
N(3)-H(8)	1.020	C(2)-N(3)-C(4)-H(9)	-176.404	C(5)	-0.059	-2.003	-0.478
C(4)-C(5)	1.322	H(8)-N(3)-C(4)-C(5)	165.731	C(6)	1.043	-2.720	-0.442
C(4)-H(9)	1.095	H(8)-N(3)-C(4)-H(9)	-16.389	H(7)	1.173	2.062	1.500
C(5)-C(6)	1.315	N(3)-C(4)-C(5)-C(6)	156.707	H(8)	-2.270	0.443	-0.292
C(6)-H(10)	1.099	H(9)-C(4)-C(5)-C(6)	-20.937	H(9)	-2.093	-1.751	-0.968
C(6)-H(11)	1.099	C(4)-C(5)-C(6)-H(10)	111.220	H(10)	1.787	-2.690	-1.250
		C(4)-C(5)-C(6)-H(11)	-69.411	H(11)	1.284	-3.382	0.401



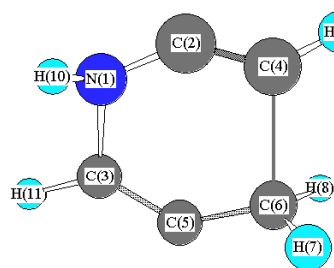
C(1)-C(3)	1.286	H(2)-C(1)-C(3)-N(4)	149.379	C(1)	0.547	1.625	-0.479
C(1)-H(2)	1.081	C(1)-C(3)-N(4)-C(6)	-7.456	C(3)	-0.734	1.722	-0.541
C(3)-N(4)	1.366	C(1)-C(3)-N(4)-H(5)	151.263	N(4)	-1.582	0.798	0.001
N(4)-C(6)	1.402	C(3)-N(4)-C(6)-C(8)	1.846	C(6)	-0.917	-0.339	0.479
N(4)-H(5)	1.018	C(3)-N(4)-C(6)-H(7)	175.996	C(8)	0.438	-0.339	0.374
C(6)-C(8)	1.359	H(5)-N(4)-C(6)-C(8)	-157.219	C(9)	1.568	-1.035	0.170
C(6)-H(7)	1.093	H(5)-N(4)-C(6)-H(7)	16.934	H(2)	1.468	1.863	-0.991
C(8)-C(9)	1.343	N(4)-C(6)-C(8)-C(9)	-145.589	H(5)	-2.514	1.040	0.334
C(9)-H(10)	1.099	H(7)-C(6)-C(8)-C(9)	40.660	H(7)	-1.501	-1.107	0.991
C(9)-H(11)	1.097	C(6)-C(8)-C(9)-H(10)	37.817	H(10)	1.629	-1.863	-0.551
		C(6)-C(8)-C(9)-H(11)	-147.948	H(11)	2.514	-0.752	0.647



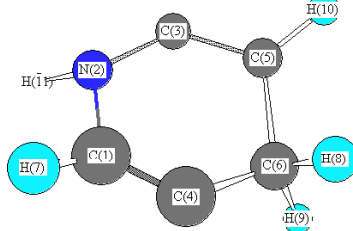
		C(5)-N(1)-C(4)-C(2)	7.655				
		C(5)-N(1)-C(4)-H(9)	-170.013				
		H(7)-N(1)-C(4)-C(2)	-173.171				
		H(7)-N(1)-C(4)-H(9)	9.162				
		C(4)-N(1)-C(5)-C(3)	-10.329				
		H(7)-N(1)-C(5)-C(3)	170.482				
		C(4)-C(2)-C(3)-C(5)	-4.642				
		C(4)-C(2)-C(3)-H(8)	-173.061				
		C(6)-C(2)-C(3)-C(5)	164.141				
		C(6)-C(2)-C(3)-H(8)	-4.282	N(1)	-1.608	0.610	0.121
N(1)-C(4)	1.336	C(3)-C(2)-C(4)-N(1)	-1.873	C(2)	0.526	-0.051	0.131
N(1)-C(5)	1.464	C(3)-C(2)-C(4)-H(9)	175.648	C(3)	0.446	1.395	-0.155
N(1)-H(7)	1.021	C(6)-C(2)-C(4)-N(1)	-171.487	C(4)	-0.860	-0.487	0.269
C(2)-C(3)	1.476	C(6)-C(2)-C(4)-H(9)	6.032	C(5)	-0.867	1.803	-0.294
C(2)-C(4)	1.460	C(3)-C(2)-C(6)-H(10)	15.071	C(6)	1.595	-0.905	0.053
C(2)-C(6)	1.370	C(3)-C(2)-C(6)-H(11)	-162.267	H(7)	-2.618	0.628	0.268
C(3)-C(5)	1.382	C(4)-C(2)-C(6)-H(10)	-178.049	H(8)	1.320	1.991	-0.419
C(3)-H(8)	1.091	C(4)-C(2)-C(6)-H(11)	4.620	H(9)	-1.256	-1.493	0.419
C(4)-H(9)	1.091	C(2)-C(3)-C(5)-N(1)	8.494	H(10)	2.618	-0.526	-0.019
C(6)-H(10)	1.093	H(8)-C(3)-C(5)-N(1)	176.561	H(11)	1.471	-1.991	0.015
C(6)-H(11)	1.094						



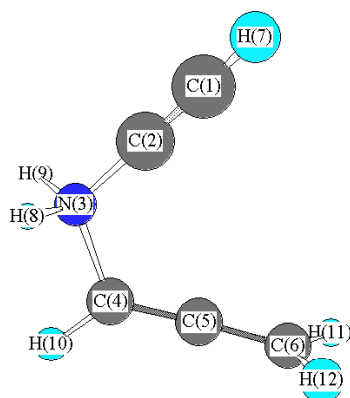
C(1)-C(2)	1.222	H(7)-C(1)-C(2)-N(3)	-179.000	C(1)	0.391	1.426	1.140
C(1)-H(7)	1.071	C(1)-C(2)-N(3)-C(4)	-101.217	C(2)	-0.453	0.751	0.569
C(2)-N(3)	1.353	C(1)-C(2)-N(3)-H(8)	99.108	N(3)	-1.419	-0.022	0.023
N(3)-C(4)	1.426	C(2)-N(3)-C(4)-C(5)	5.718	C(4)	-1.192	-1.322	-0.519
N(3)-H(8)	1.020	C(2)-N(3)-C(4)-H(9)	-176.404	C(5)	-0.059	-2.003	-0.478
C(4)-C(5)	1.322	H(8)-N(3)-C(4)-C(5)	165.731	C(6)	1.043	-2.720	-0.442
C(4)-H(9)	1.095	H(8)-N(3)-C(4)-H(9)	-16.389	H(7)	1.173	2.062	1.500
C(5)-C(6)	1.315	N(3)-C(4)-C(5)-C(6)	156.707	H(8)	-2.270	0.443	-0.292
C(6)-H(10)	1.099	H(9)-C(4)-C(5)-C(6)	-20.937	H(9)	-2.093	-1.751	-0.968
C(6)-H(11)	1.099	C(4)-C(5)-C(6)-H(10)	111.220	H(10)	1.787	-2.690	-1.250
		C(4)-C(5)-C(6)-H(11)	-69.411	H(11)	1.284	-3.382	0.401



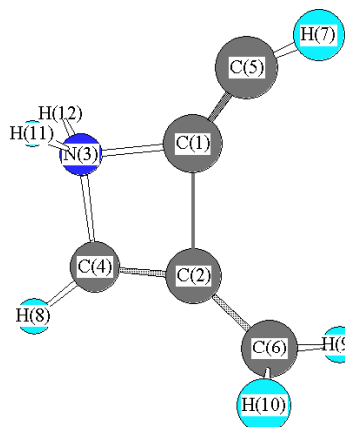
N(1)-C(2)	1.329	C(3)-N(1)-C(2)-C(4)	-3.424	N(1)	-1.155	0.812	0.291
N(1)-C(3)	1.557	H(10)-N(1)-C(2)-C(4)	131.108	C(2)	0.043	1.319	0.561
N(1)-H(10)	1.028	C(2)-N(1)-C(3)-C(5)	12.892	C(3)	-1.177	-0.566	-0.433
C(2)-C(4)	1.282	C(2)-N(1)-C(3)-H(11)	-169.191	C(4)	1.278	0.991	0.450
C(3)-C(5)	1.309	H(10)-N(1)-C(3)-C(5)	-123.616	C(5)	-0.046	-1.222	-0.479
C(3)-H(11)	1.088	H(10)-N(1)-C(3)-H(11)	54.302	C(6)	1.284	-0.977	-0.197
C(4)-C(6)	2.072	N(1)-C(2)-C(4)-H(9)	143.355	H(10)	-1.845	0.851	1.052
C(4)-H(9)	1.084	N(1)-C(3)-C(5)-C(6)	-10.320	H(11)	-2.175	-0.819	-0.784
C(5)-C(6)	1.381	H(11)-C(3)-C(5)-C(6)	172.272	H(9)	2.217	1.481	0.223
C(6)-H(7)	1.099	C(3)-C(5)-C(6)-H(7)	117.798	H(7)	1.781	-1.564	0.587
C(6)-H(8)	1.099	C(3)-C(5)-C(6)-H(8)	-99.414	H(8)	1.952	-0.737	-1.037



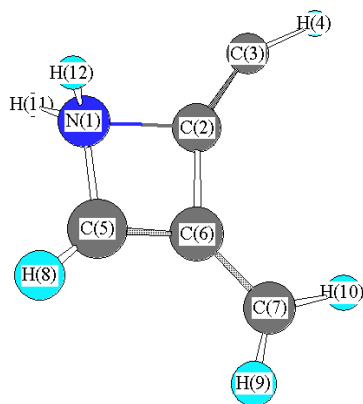
		C(4)-C(1)-N(2)-C(3)	-20.262				
		C(4)-C(1)-N(2)-H(11)	121.904				
		H(7)-C(1)-N(2)-C(3)	162.576				
		H(7)-C(1)-N(2)-H(11)	-55.260				
		N(2)-C(1)-C(4)-C(6)	9.773				
		H(7)-C(1)-C(4)-C(6)	-173.933				
		C(1)-N(2)-C(3)-C(5)	3.665				
		H(11)-N(2)-C(3)-C(5)	-136.784				
C(1)-N(2)	1.610	N(2)-C(3)-C(5)-C(6)	21.285	C(1)	-1.160	-0.666	0.455
C(1)-C(4)	1.306	N(2)-C(3)-C(5)-H(10)	-146.597	N(2)	-1.278	0.516	-0.631
C(1)-H(7)	1.087	C(1)-C(4)-C(6)-C(5)	12.971	C(3)	-0.158	1.053	-1.052
N(2)-C(3)	1.312	C(1)-C(4)-C(6)-H(8)	126.352	C(4)	0.015	-1.235	0.486
N(2)-H(11)	1.030	C(1)-C(4)-C(6)-H(9)	-114.581	C(5)	1.082	0.684	-0.731
C(3)-C(5)	1.333	C(3)-C(5)-C(6)-C(4)	-28.702	C(6)	1.251	-0.813	-0.180
C(4)-C(6)	1.467	C(3)-C(5)-C(6)-H(8)	-147.716	H(7)	-2.104	-0.839	0.964
C(5)-C(6)	1.604	C(3)-C(5)-C(6)-H(9)	97.676	H(11)	-2.026	0.361	-1.322
C(5)-H(10)	1.091	H(10)-C(5)-C(6)-C(4)	140.181	H(10)	1.936	1.356	-0.633
C(6)-H(8)	1.106	H(10)-C(5)-C(6)-H(8)	21.166	H(8)	2.091	-0.720	0.534
C(6)-H(9)	1.106	H(10)-C(5)-C(6)-H(9)	-93.441	H(9)	1.576	-1.541	-0.948



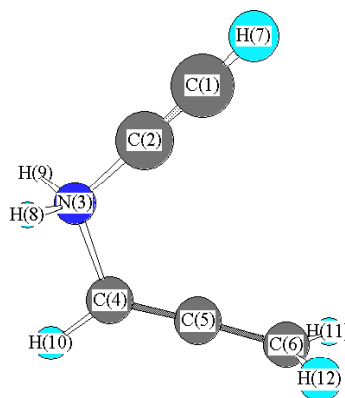
C(1)-C(2)	1.210	H(7)-C(1)-C(2)-N(3)	0.000	
C(1)-H(7)	1.077	C(1)-C(2)-N(3)-C(4)	-177.065	
C(2)-N(3)	1.414	C(1)-C(2)-N(3)-H(8)	-57.574	C(1) 0.348 1.732 1.056
N(3)-C(4)	1.562	C(2)-N(3)-C(4)-C(5)	0.000	C(2) -0.492 0.946 0.680
N(3)-H(8)	1.042	C(2)-N(3)-C(4)-H(10)	-179.000	N(3) -1.488 0.042 0.244
N(3)-H(9)	1.042	H(8)-N(3)-C(4)-C(5)	-123.299	C(4) -0.988 -1.347 -0.267
C(4)-C(5)	1.307	H(8)-N(3)-C(4)-H(10)	56.696	C(5) 0.286 -1.639 -0.283
C(4)-H(10)	1.091	H(9)-N(3)-C(4)-C(5)	123.317	C(6) 1.551 -1.987 -0.322
C(5)-C(6)	1.313	H(9)-N(3)-C(4)-H(10)	-56.687	H(7) 1.090 2.436 1.393
C(6)-H(11)	1.096	N(3)-C(4)-C(5)-C(6)	-179.000	H(8) -2.164 -0.132 1.018
C(6)-H(12)	1.096	H(10)-C(4)-C(5)-C(6)	0.000	H(9) -2.044 0.478 -0.522
		C(4)-C(5)-C(6)-H(11)	89.820	H(10) -1.833 -1.964 -0.577
		C(4)-C(5)-C(6)-H(12)	-89.892	H(11) 2.168 -1.796 -1.208
				H(12) 2.033 -2.484 0.528



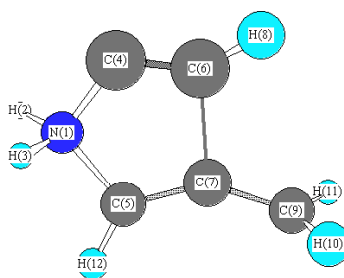
C(1)-C(2)	1.768	C(5)-C(1)-N(3)-C(4)	179.553	
C(1)-N(3)	1.510	C(5)-C(1)-N(3)-H(11)	-60.763	
C(1)-C(5)	1.272	C(5)-C(1)-N(3)-H(12)	62.141	C(1) 0.085 1.006 0.231
C(2)-C(4)	1.346	N(3)-C(1)-C(5)-H(7)	-179.451	C(2) 0.100 -0.743 -0.020
C(2)-C(6)	1.381	C(6)-C(2)-C(4)-N(3)	174.274	N(3) -1.382 0.865 -0.097
N(3)-C(4)	1.508	C(6)-C(2)-C(4)-H(8)	-11.348	C(4) -1.206 -0.616 -0.320
N(3)-H(11)	1.041	C(4)-C(2)-C(6)-H(9)	124.964	C(5) 0.794 2.014 0.548
N(3)-H(12)	1.038	C(4)-C(2)-C(6)-H(10)	-63.900	C(6) 1.090 -1.693 0.142
C(4)-H(8)	1.088	C(1)-N(3)-C(4)-C(2)	2.193	H(11) -2.026 1.144 0.673
C(5)-H(7)	1.082	C(1)-N(3)-C(4)-H(8)	-173.214	H(12) -1.641 1.410 -0.941
C(6)-H(9)	1.095	H(11)-N(3)-C(4)-C(2)	-115.768	H(8) -1.997 -1.256 -0.708
C(6)-H(10)	1.095	H(11)-N(3)-C(4)-H(8)	68.827	H(7) 1.752 2.440 0.814
		H(12)-N(3)-C(4)-C(2)	116.658	H(9) 2.026 -1.638 -0.422
		H(12)-N(3)-C(4)-H(8)	-58.747	H(10) 1.024 -2.440 0.941



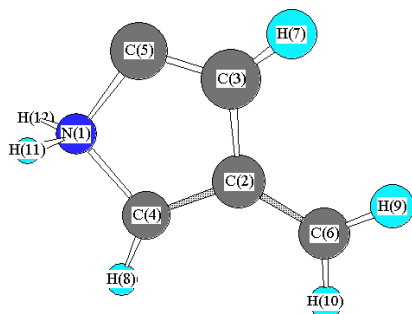
C(5)-N(1)-C(2)-C(3)	-179.000	
C(5)-N(1)-C(2)-C(6)	0.000	
H(11)-N(1)-C(2)-C(3)	63.062	
H(11)-N(1)-C(2)-C(6)	-116.935	
H(12)-N(1)-C(2)-C(3)	-63.024	
H(12)-N(1)-C(2)-C(6)	116.977	
C(2)-N(1)-C(5)-C(6)	0.000	
C(2)-N(1)-C(5)-H(8)	180.000	
H(11)-N(1)-C(5)-C(6)	114.775	
H(11)-N(1)-C(5)-H(8)	-65.220	
H(12)-N(1)-C(5)-C(6)	-114.810	
H(12)-N(1)-C(5)-H(8)	65.194	
N(1)-C(2)-C(3)-H(4)	179.684	
C(6)-C(2)-C(3)-H(4)	-0.316	
N(1)-C(2)-C(6)-C(5)	0.000	N(1) -1.348 1.194 0.075
N(1)-C(2)-C(6)-C(7)	180.000	C(2) 0.163 1.115 -0.426
C(3)-C(2)-C(6)-C(5)	180.000	C(3) 0.837 2.101 -0.939
C(3)-C(2)-C(6)-C(7)	-0.316	C(5) -1.171 -0.257 0.425
N(1)-C(5)-C(6)-C(2)	0.000	C(6) 0.159 -0.331 -0.015
N(1)-C(5)-C(6)-C(7)	-179.000	C(7) 1.135 -1.317 -0.074
H(8)-C(5)-C(6)-C(2)	-179.000	H(11) -2.035 1.410 -0.672
H(8)-C(5)-C(6)-C(7)	0.000	H(12) -1.503 1.847 0.867
C(2)-C(6)-C(7)-H(9)	-179.000	H(4) 1.746 2.506 -1.367
C(2)-C(6)-C(7)-H(10)	0.000	H(8) -1.943 -0.880 0.869
C(5)-C(6)-C(7)-H(9)	0.000	H(9) 0.928 -2.328 0.284
C(5)-C(6)-C(7)-H(10)	-179.000	H(10) 2.127 -1.107 -0.477
N(1)-C(2)	1.593	
N(1)-C(5)	1.503	
N(1)-H(11)	1.038	
N(1)-H(12)	1.038	
C(2)-C(3)	1.300	
C(2)-C(6)	1.503	
C(3)-H(4)	1.083	
C(5)-C(6)	1.402	
C(5)-H(8)	1.087	
C(6)-C(7)	1.389	
C(7)-H(9)	1.092	
C(7)-H(10)	1.091	



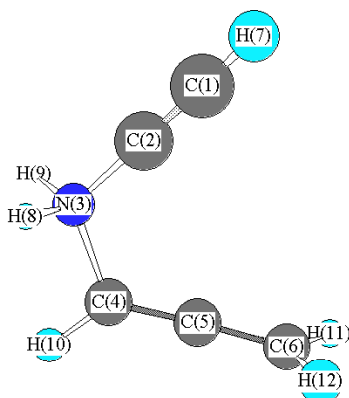
C(1)-C(2)	1.210	H(7)-C(1)-C(2)-N(3)	0.000	
C(1)-H(7)	1.077	C(1)-C(2)-N(3)-C(4)	-177.065	
C(2)-N(3)	1.414	C(1)-C(2)-N(3)-H(8)	-57.574	C(1) 0.348 1.732 1.056
N(3)-C(4)	1.562	C(2)-N(3)-C(4)-C(5)	0.000	C(2) -0.492 0.946 0.680
N(3)-H(8)	1.042	C(2)-N(3)-C(4)-H(10)	-179.000	N(3) -1.488 0.042 0.244
N(3)-H(9)	1.042	H(8)-N(3)-C(4)-C(5)	-123.299	C(4) -0.988 -1.347 -0.267
C(4)-C(5)	1.307	H(8)-N(3)-C(4)-H(10)	56.696	C(5) 0.286 -1.639 -0.283
C(4)-H(10)	1.091	H(9)-N(3)-C(4)-C(5)	123.317	C(6) 1.551 -1.987 -0.322
C(5)-C(6)	1.313	H(9)-N(3)-C(4)-H(10)	-56.687	H(7) 1.090 2.436 1.393
C(6)-H(11)	1.096	N(3)-C(4)-C(5)-C(6)	-179.000	H(8) -2.164 -0.132 1.018
C(6)-H(12)	1.096	H(10)-C(4)-C(5)-C(6)	0.000	H(9) -2.044 0.478 -0.522
		C(4)-C(5)-C(6)-H(11)	89.820	H(10) -1.833 -1.964 -0.577
		C(4)-C(5)-C(6)-H(12)	-89.892	H(11) 2.168 -1.796 -1.208
				H(12) 2.033 -2.484 0.528



N(1)-C(4)	1.458	C(5)-N(1)-C(4)-C(6)	0.000	
N(1)-C(5)	1.535	H(2)-N(1)-C(4)-C(6)	-121.490	
N(1)-H(2)	1.040	H(3)-N(1)-C(4)-C(6)	121.495	N(1) -1.717 0.262 0.365
N(1)-H(3)	1.040	C(4)-N(1)-C(5)-C(7)	0.000	C(4) -0.895 1.358 0.863
C(4)-C(6)	1.285	C(4)-N(1)-C(5)-H(12)	180.000	C(5) -0.783 -0.841 -0.150
C(5)-C(7)	1.328	H(2)-N(1)-C(5)-C(7)	121.477	C(6) 0.382 1.231 0.794
C(5)-H(12)	1.090	H(2)-N(1)-C(5)-H(12)	-58.535	C(7) 0.497 -0.514 -0.009
C(6)-C(7)	1.924	H(3)-N(1)-C(5)-C(7)	-121.472	C(9) 1.777 -0.936 -0.214
C(6)-H(8)	1.083	N(1)-C(4)-C(6)-H(8)	-179.000	H(2) -2.350 0.591 -0.392
C(7)-C(9)	1.364	N(1)-C(5)-C(7)-C(9)	-179.000	H(3) -2.339 -0.102 1.115
C(9)-H(10)	1.097	H(12)-C(5)-C(7)-C(9)	0.000	H(12) -1.240 -1.741 -0.560
C(9)-H(11)	1.097	C(5)-C(7)-C(9)-H(10)	-94.487	H(8) 1.312 1.738 1.021
		C(5)-C(7)-C(9)-H(11)	94.468	H(10) 2.342 -1.441 0.580
				H(11) 2.329 -0.659 -1.120

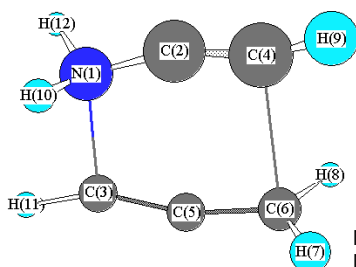


N(1)-C(4)	1.503	C(5)-N(1)-C(4)-C(2)	2.215	
N(1)-C(5)	1.508	C(5)-N(1)-C(4)-H(8)	-166.871	
N(1)-H(11)	1.039	H(11)-N(1)-C(4)-C(2)	-116.838	
N(1)-H(12)	1.043	H(11)-N(1)-C(4)-H(8)	74.061	
C(2)-C(3)	1.502	H(12)-N(1)-C(4)-C(2)	123.740	
C(2)-C(4)	1.399	H(12)-N(1)-C(4)-H(8)	-45.359	
C(2)-C(6)	1.398	C(4)-N(1)-C(5)-C(3)	-4.029	
C(3)-C(5)	1.338	H(11)-N(1)-C(5)-C(3)	116.567	
C(3)-H(7)	1.089	H(12)-N(1)-C(5)-C(3)	-125.639	
C(4)-H(8)	1.089	C(4)-C(2)-C(3)-C(5)	-2.742	
C(6)-H(9)	1.092	C(4)-C(2)-C(3)-H(7)	179.684	
C(6)-H(10)	1.093	C(6)-C(2)-C(3)-C(5)	173.835	N(1) -1.852 0.473 0.006
		C(6)-C(2)-C(3)-H(7)	-3.773	C(2) 0.399 -0.188 0.075
		C(3)-C(2)-C(4)-N(1)	0.000	C(3) 0.287 1.240 0.529
		C(3)-C(2)-C(4)-H(8)	167.194	C(4) -0.884 -0.650 -0.238
		C(6)-C(2)-C(4)-N(1)	-176.474	C(5) -0.988 1.632 0.434
		C(6)-C(2)-C(4)-H(8)	-9.374	C(6) 1.589 -0.905 -0.082
		C(3)-C(2)-C(6)-H(9)	12.084	H(11) -2.535 0.246 0.756
		C(3)-C(2)-C(6)-H(10)	-166.019	H(12) -2.414 0.698 -0.842
		C(4)-C(2)-C(6)-H(9)	-171.929	H(7) 1.132 1.853 0.842
		C(4)-C(2)-C(6)-H(10)	9.967	H(8) -1.231 -1.538 -0.762
		C(2)-C(3)-C(5)-N(1)	4.189	H(9) 2.535 -0.523 0.306
		H(7)-C(3)-C(5)-N(1)	-178.266	H(10) 1.609 -1.853 -0.625



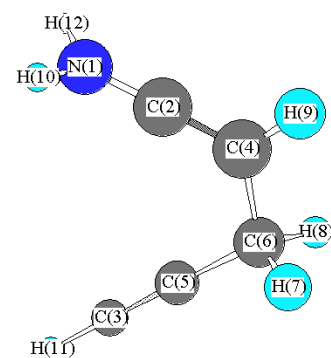
C(1)-C(2)	1.210
C(1)-H(7)	1.077
C(2)-N(3)	1.414
N(3)-C(4)	1.562
N(3)-H(8)	1.042
N(3)-H(9)	1.042
C(4)-C(5)	1.307
C(4)-H(10)	1.091
C(5)-C(6)	1.313
C(6)-H(11)	1.096
C(6)-H(12)	1.096
H(7)-C(1)-C(2)-N(3)	0.000
C(1)-C(2)-N(3)-C(4)	-177.065
C(1)-C(2)-N(3)-H(8)	-57.574
C(1)-C(2)-N(3)-H(9)	57.670
C(2)-N(3)-C(4)-C(5)	0.000
C(2)-N(3)-C(4)-H(10)	-179.000
H(8)-N(3)-C(4)-C(5)	-123.299
H(8)-N(3)-C(4)-H(10)	56.696
H(9)-N(3)-C(4)-C(5)	123.317
H(9)-N(3)-C(4)-H(10)	-56.687
N(3)-C(4)-C(5)-C(6)	-179.000
H(10)-C(4)-C(5)-C(6)	0.000
C(4)-C(5)-C(6)-H(11)	89.820
C(4)-C(5)-C(6)-H(12)	-89.892

C(1)	0.348	1.732	1.056
C(2)	-0.492	0.946	0.680
N(3)	-1.488	0.042	0.244
C(4)	-0.988	-1.347	-0.267
C(5)	0.286	-1.639	-0.283
C(6)	1.551	-1.987	-0.322
H(7)	1.090	2.436	1.393
H(8)	-2.164	-0.132	1.018
H(9)	-2.044	0.478	-0.522
H(10)	-1.833	-1.964	-0.577
H(11)	2.168	-1.796	-1.208
H(12)	2.033	-2.484	0.528



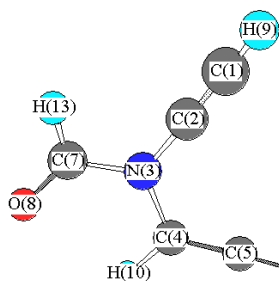
H(10)-N(1)-C(2)-C(4)	114.487
H(12)-N(1)-C(2)-C(4)	-114.530
C(3)-N(1)-C(2)-C(4)	0.000
C(2)-N(1)-C(3)-C(5)	0.000
C(2)-N(1)-C(3)-H(11)	180.000
H(10)-N(1)-C(3)-C(5)	-122.490
H(10)-N(1)-C(3)-H(11)	57.485
H(12)-N(1)-C(3)-C(5)	122.310
H(12)-N(1)-C(3)-H(11)	-57.715
N(1)-C(2)-C(4)-H(9)	180.000
N(1)-C(2)-C(4)-C(6)	0.000
C(2)-C(4)-C(6)-C(5)	0.000
C(2)-C(4)-C(6)-H(7)	-121.299
C(2)-C(4)-C(6)-H(8)	121.133
H(9)-C(4)-C(6)-C(5)	-179.000
H(9)-C(4)-C(6)-H(7)	58.801
H(9)-C(4)-C(6)-H(8)	-58.766
N(1)-C(3)-C(5)-C(6)	0.000
H(11)-C(3)-C(5)-C(6)	-179.000
C(3)-C(5)-C(6)-C(4)	0.000
C(3)-C(5)-C(6)-H(7)	96.033
C(3)-C(5)-C(6)-H(8)	-96.083
N(1)-C(2)	1.355
N(1)-H(10)	1.032
N(1)-H(12)	1.032
N(1)-C(3)	2.080
C(2)-C(4)	1.232
C(4)-H(9)	1.078
C(4)-C(6)	2.677
C(3)-C(5)	1.262
C(3)-H(11)	1.081
C(5)-C(6)	1.348
C(6)-H(7)	1.096
C(6)-H(8)	1.096

N(1)	-1.293	0.909	0.288
C(2)	-0.062	1.230	0.756
C(4)	1.155	1.166	0.938
H(10)	-1.970	0.606	1.006
H(12)	-1.715	1.604	-0.347
H(9)	2.144	1.402	1.296
C(3)	-1.128	-0.774	-0.924
C(5)	0.103	-1.054	-0.902
C(6)	1.418	-0.998	-0.615
H(11)	-2.144	-0.953	-1.245
H(7)	1.844	-1.604	0.192
H(8)	2.121	-0.506	-1.296

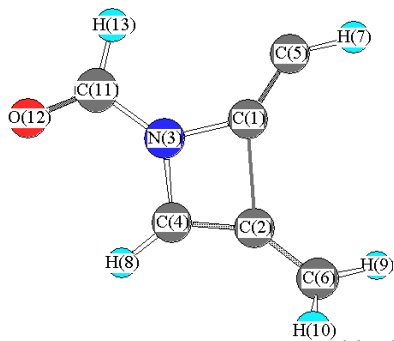


H(10)-N(1)-C(2)-C(4)	81.294
H(12)-N(1)-C(2)-C(4)	-97.739
N(1)-C(2)-C(4)-C(6)	0.000
N(1)-C(2)-C(4)-H(9)	-179.000
H(11)-C(3)-C(5)-C(6)	0.000
C(2)-C(4)-C(6)-C(5)	0.000
C(2)-C(4)-C(6)-H(7)	-123.721
C(2)-C(4)-C(6)-H(8)	123.764
H(9)-C(4)-C(6)-C(5)	-179.000
H(9)-C(4)-C(6)-H(7)	56.301
H(9)-C(4)-C(6)-H(8)	-56.215
C(3)-C(5)-C(6)-C(4)	0.000
C(3)-C(5)-C(6)-H(7)	0.000
C(3)-C(5)-C(6)-H(8)	0.000
N(1)-C(2)	1.273
N(1)-H(10)	1.033
N(1)-H(12)	1.033
C(2)-C(4)	1.303
C(3)-C(5)	1.216
C(3)-H(11)	1.075
C(4)-C(6)	1.537
C(4)-H(9)	1.099
C(5)-C(6)	1.463
C(6)-H(7)	1.108
C(6)-H(8)	1.108

N(1)	-1.331	1.737	0.752
C(2)	-0.199	1.155	0.748
C(3)	-0.967	-1.911	-1.044
C(4)	0.956	0.551	0.740
C(5)	0.017	-1.417	-0.528
C(6)	1.200	-0.822	0.093
H(10)	-2.018	1.588	1.508
H(12)	-1.621	2.374	-0.007
H(11)	-1.819	-2.374	-1.509
H(9)	1.802	1.058	1.226
H(7)	1.614	-1.472	0.889
H(8)	2.018	-0.681	-0.639

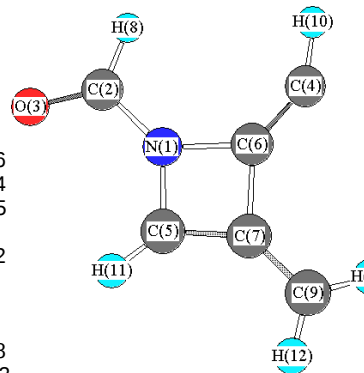


C(1)-C(2)	1.218	C(1)-C(2)-N(3)-C(4)	-177.652	C(1)	0.774	1.741	0.991
C(1)-H(9)	1.071	C(2)-N(3)-C(4)-C(5)	0.000	C(2)	0.059	0.860	0.548
C(2)-N(3)	1.363	C(7)-N(3)-C(4)-C(5)	-179.000	N(3)	-0.762	-0.111	0.057
N(3)-C(4)	1.441	C(2)-N(3)-C(4)-H(10)	-179.000	C(4)	-0.239	-1.344	-0.473
N(3)-C(7)	1.418	C(7)-N(3)-C(4)-H(10)	0.000	C(5)	1.042	-1.649	-0.536
C(4)-C(5)	1.318	C(2)-N(3)-C(7)-O(8)	-179.000	C(6)	2.309	-1.992	-0.617
C(4)-H(10)	1.092	C(2)-N(3)-C(7)-H(13)	0.000	C(7)	-2.166	0.088	0.065
C(5)-C(6)	1.314	C(4)-N(3)-C(7)-O(8)	0.000	O(8)	-2.972	-0.731	-0.356
C(6)-H(11)	1.097	C(4)-N(3)-C(7)-H(13)	180.000	H(9)	1.410	2.511	1.380
C(6)-H(12)	1.097	N(3)-C(4)-C(5)-C(6)	-179.000	H(10)	-1.038	-2.002	-0.820
C(7)-O(8)	1.224	H(10)-C(4)-C(5)-C(6)	0.000	H(11)	2.919	-1.755	-1.498
C(7)-H(13)	1.110	C(4)-C(5)-C(6)-H(11)	90.149	H(12)	2.818	-2.526	0.195
		C(4)-C(5)-C(6)-H(12)	-90.186	H(13)	-2.426	1.076	0.499

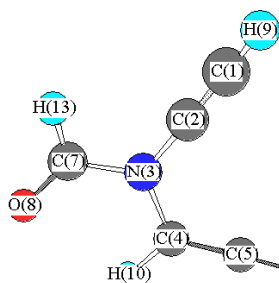


N(3)-C(1)-C(2)-C(4)	2.430	C(1)	0.754	0.993	-0.273
N(3)-C(1)-C(2)-C(6)	-160.634	C(2)	0.872	-0.829	-0.339
C(5)-C(1)-C(2)-C(4)	179.105	N(3)	-0.638	0.657	-0.151
C(5)-C(1)-C(2)-C(6)	16.017	C(4)	-0.509	-0.730	-0.264
C(2)-C(1)-N(3)-C(4)	-2.411	C(5)	1.461	2.064	-0.262
C(2)-C(1)-N(3)-C(11)	179.451	C(6)	1.912	-1.667	-0.125
C(5)-C(1)-N(3)-C(4)	-179.553	C(11)	-1.769	1.465	-0.010
C(5)-C(1)-N(3)-C(11)	2.472	O(12)	-2.905	1.005	0.073
C(2)-C(1)-C(5)-H(7)	-4.053	H(8)	-1.346	-1.402	-0.447
N(3)-C(1)-C(5)-H(7)	171.118	H(7)	2.510	2.335	-0.239
C(1)-C(2)-C(4)-N(3)	-2.493	H(9)	2.906	-1.446	-0.529
C(1)-C(2)-C(4)-H(8)	164.561	H(10)	1.833	-2.543	0.529
C(6)-C(2)-C(4)-N(3)	156.042	H(13)	-1.506	2.543	-0.025
C(6)-C(2)-C(4)-H(8)	-36.897				
C(1)-C(2)-C(6)-H(9)	-43.080				
C(1)-C(2)-C(6)-H(10)	131.166				
C(4)-C(2)-C(6)-H(9)	165.802				
C(4)-C(2)-C(6)-H(10)	-19.958				
C(1)-N(3)-C(4)-C(2)	3.182				
C(1)-N(3)-C(4)-H(8)	-165.927				
C(11)-N(3)-C(4)-C(2)	-178.735				
C(11)-N(3)-C(4)-H(8)	12.158				
C(1)-N(3)-C(11)-O(12)	179.553				
C(1)-N(3)-C(11)-H(13)	1.705				
C(4)-N(3)-C(11)-O(12)	2.002				
C(4)-N(3)-C(11)-H(13)	-175.764				

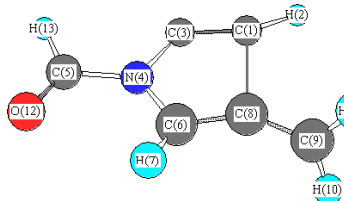
N(1)	-0.636	0.708	-0.126
C(2)	-1.628	1.654	-0.284
O(3)	-2.831	1.377	-0.295
C(4)	1.735	1.707	-0.162
C(5)	-0.623	-0.695	0.052
C(6)	0.854	0.741	-0.073
C(7)	0.805	-0.769	0.116
C(9)	1.774	-1.722	0.274
H(8)	-1.212	2.680	-0.398
H(10)	1.858	2.776	-0.292
H(11)	-1.487	-1.351	0.102
H(12)	1.515	-2.776	0.398
H(13)	2.831	-1.453	0.281



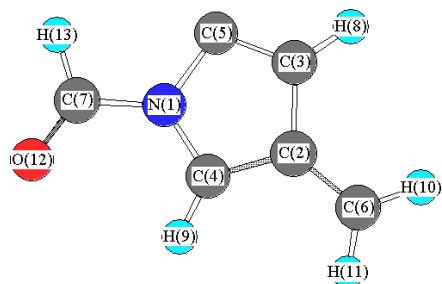
N(1)-C(2)	1.380	H(10)-C(4)-C(6)-C(7)	180.000
N(1)-C(5)	1.414	N(1)-C(5)-C(7)-C(6)	0.000
N(1)-C(6)	1.491	N(1)-C(5)-C(7)-C(9)	180.000
C(2)-O(3)	1.234	H(11)-C(5)-C(7)-C(6)	180.000
C(2)-H(8)	1.113	H(11)-C(5)-C(7)-C(9)	0.000
C(4)-C(6)	1.311	N(1)-C(6)-C(7)-C(5)	0.000
C(4)-H(10)	1.084	N(1)-C(6)-C(7)-C(9)	-179.000
C(5)-C(7)	1.432	C(4)-C(6)-C(7)-C(5)	180.000
C(5)-H(11)	1.086	C(4)-C(6)-C(7)-C(9)	0.000
C(6)-C(7)	1.522	C(5)-C(7)-C(9)-H(12)	0.000
C(7)-C(9)	1.369	C(5)-C(7)-C(9)-H(13)	-179.000
C(9)-H(12)	1.092	C(6)-C(7)-C(9)-H(12)	180.000
C(9)-H(13)	1.091	C(6)-C(7)-C(9)-H(13)	0.000



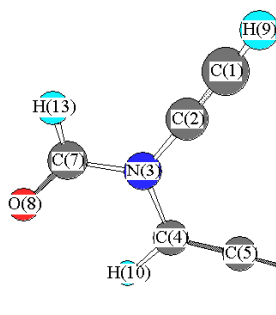
H(9)-C(1)-C(2)-N(3)	0.000		
C(1)-C(2)-N(3)-C(4)	-177.652		
C(1)-C(2)-N(3)-C(7)	0.000	C(1)	0.774 1.741 0.991
C(1)-C(2)	1.218	C(2)	0.059 0.860 0.548
C(1)-H(9)	1.071	N(3)	-0.762 -0.111 0.057
C(2)-N(3)	1.363	C(4)	-0.239 -1.344 -0.473
N(3)-C(4)	1.441	C(5)	1.042 -1.649 -0.536
N(3)-C(7)	1.418	C(6)	2.309 -1.992 -0.617
C(4)-C(5)	1.318	C(7)	-2.166 0.088 0.065
C(4)-H(10)	1.092	O(8)	-2.972 -0.731 -0.356
C(5)-C(6)	1.314	H(9)	1.410 2.511 1.380
C(6)-H(11)	1.097	H(10)	-1.038 -2.002 -0.820
C(6)-H(12)	1.097	H(11)	2.919 -1.755 -1.498
C(7)-O(8)	1.224	H(12)	2.818 -2.526 0.195
C(7)-H(13)	1.110	H(13)	-2.426 1.076 0.499



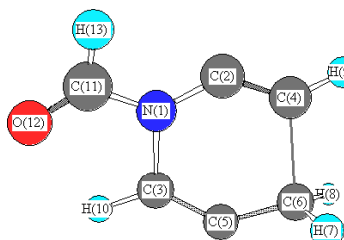
H(2)-C(1)-C(3)-N(4)	161.910		
C(1)-C(3)-N(4)-C(5)	164.956		
C(1)-C(3)	1.287	C(1)	1.073 1.376 -0.779
C(1)-C(8)	2.053	C(3)	-0.194 1.336 -0.995
C(1)-H(2)	1.080	N(4)	-1.008 0.481 -0.263
C(3)-N(4)	1.389	C(5)	-2.411 0.576 -0.207
N(4)-C(5)	1.408	C(6)	-0.257 -0.418 0.533
N(4)-C(6)	1.416	C(8)	1.079 -0.222 0.509
C(5)-O(12)	1.224	C(9)	2.321 -0.725 0.653
C(5)-H(13)	1.111	O(12)	-3.119 -0.168 0.459
C(6)-C(8)	1.351	H(2)	2.035 1.672 -1.169
C(6)-H(7)	1.090	H(13)	-2.779 1.403 -0.853
C(8)-C(9)	1.348	H(7)	-0.806 -1.113 1.169
C(9)-H(10)	1.098	H(10)	2.624 -1.672 0.186
C(9)-H(11)	1.096	H(11)	3.119 -0.155 1.143



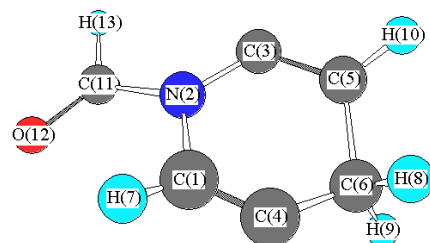
C(5)-N(1)-C(4)-C(2)	7.003		
C(5)-N(1)-C(4)-H(9)	-168.632		
C(7)-N(1)-C(4)-C(2)	-173.372		
C(7)-N(1)-C(4)-H(9)	11.000		
C(4)-N(1)-C(5)-C(3)	-9.276		
C(7)-N(1)-C(5)-C(3)	171.085		
C(4)-N(1)-C(7)-O(12)	-2.759		
C(4)-N(1)-C(7)-H(13)	177.901		
C(5)-N(1)-C(7)-O(12)	176.834		
C(5)-N(1)-C(7)-H(13)	-2.493		
C(4)-C(2)-C(3)-C(5)	-3.691		
C(4)-C(2)-C(3)-H(8)	-174.589	N(1)	-1.020 0.718 0.060
C(6)-C(2)-C(3)-C(5)	166.395	C(2)	1.089 -0.061 0.136
C(6)-C(2)-C(3)-H(8)	-4.488	C(3)	1.109 1.418 0.090
C(3)-C(2)-C(4)-N(1)	-2.100	C(4)	-0.303 -0.436 0.083
C(3)-C(2)-C(4)-H(9)	173.061	C(5)	-0.167 1.893 -0.069
C(6)-C(2)-C(4)-N(1)	-172.791	C(6)	2.138 -0.948 0.029
C(6)-C(2)-C(4)-H(9)	2.348	C(7)	-2.440 0.806 0.143
C(3)-H(8)	1.090	O(12)	-3.175 -0.167 0.195
C(4)-H(9)	1.089	H(8)	2.024 2.006 0.028
C(6)-H(10)	1.093	H(9)	-0.769 -1.416 -0.007
C(6)-H(11)	1.093	H(10)	3.175 -0.613 0.117
C(7)-O(12)	1.220	H(11)	1.977 -2.006 -0.195
C(7)-H(13)	1.109	H(13)	-2.764 1.867 0.139



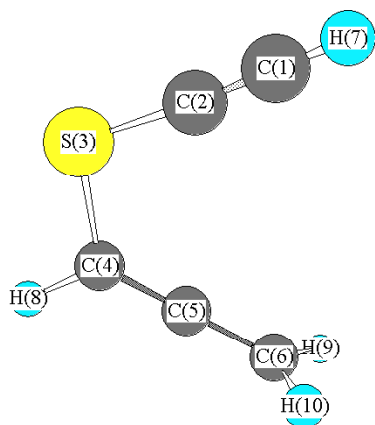
C(1)-C(2)	1.218	C(1)-C(2)-N(3)-C(4)	-177.652	C(1)	0.774	1.741	0.991
C(1)-H(9)	1.071	C(2)-N(3)-C(4)-H(10)	-179.000	C(2)	0.059	0.860	0.548
C(2)-N(3)	1.363	C(7)-N(3)-C(4)-C(5)	-179.000	N(3)	-0.762	-0.111	0.057
N(3)-C(4)	1.441	C(2)-N(3)-C(7)-O(8)	-179.000	C(4)	-0.239	-1.344	-0.473
N(3)-C(7)	1.418	C(2)-N(3)-C(7)-H(13)	0.000	C(5)	1.042	-1.649	-0.536
C(4)-C(5)	1.318	C(4)-N(3)-C(7)-O(8)	-179.000	C(6)	2.309	-1.992	-0.617
C(4)-H(10)	1.092	C(4)-N(3)-C(7)-H(13)	0.000	C(7)	-2.166	0.088	0.065
C(5)-C(6)	1.314	N(3)-C(4)-C(5)-C(6)	-179.000	O(8)	-2.972	-0.731	-0.356
C(6)-H(11)	1.097	H(10)-C(4)-C(5)-C(6)	0.000	H(9)	1.410	2.511	1.380
C(6)-H(12)	1.097	C(4)-C(5)-C(6)-H(11)	90.149	H(10)	-1.038	-2.002	-0.820
C(7)-O(8)	1.224	C(4)-C(5)-C(6)-H(12)	-90.186	H(11)	2.919	-1.755	-1.498
C(7)-H(13)	1.110			H(12)	2.818	-2.526	0.195
				H(13)	-2.426	1.076	0.499



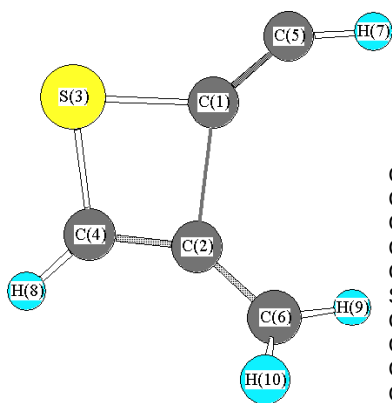
N(1)-C(2)	1.342	C(3)-N(1)-C(2)-C(4)	-6.711	N(1)	-0.545	0.346	0.253
N(1)-C(3)	1.557	C(11)-N(1)-C(2)-C(4)	163.444	C(2)	0.638	0.967	0.368
N(1)-C(11)	1.413	C(2)-N(1)-C(3)-C(5)	12.497	C(3)	-0.553	-1.076	-0.379
C(2)-C(4)	1.289	C(11)-N(1)-C(3)-H(10)	-171.992	C(4)	1.847	0.575	0.152
C(3)-C(5)	1.301	C(2)-N(1)-C(11)-O(12)	-173.851	C(5)	0.614	-1.639	-0.508
C(3)-H(10)	1.086	C(2)-N(1)-C(11)-H(13)	9.000	C(6)	1.949	-1.288	-0.352
C(4)-C(6)	1.932	C(3)-N(1)-C(11)-O(12)	-3.567	C(11)	-1.762	0.778	0.827
C(4)-H(9)	1.084	C(3)-N(1)-C(11)-H(13)	179.292	O(12)	-2.803	0.133	0.794
C(5)-C(6)	1.389	N(1)-C(2)-C(4)-H(9)	157.558	H(10)	-1.574	-1.407	-0.544
C(6)-H(7)	1.101	N(1)-C(3)-C(5)-C(6)	-7.720	H(9)	2.803	1.035	-0.065
C(6)-H(8)	1.101	H(10)-C(3)-C(5)-C(6)	178.182	H(7)	2.524	-1.792	0.440
C(11)-O(12)	1.226	C(3)-C(5)-C(6)-H(7)	114.822	H(8)	2.546	-1.143	-1.265
C(11)-H(13)	1.108	C(3)-C(5)-C(6)-H(8)	-106.541	H(13)	-1.669	1.792	1.265



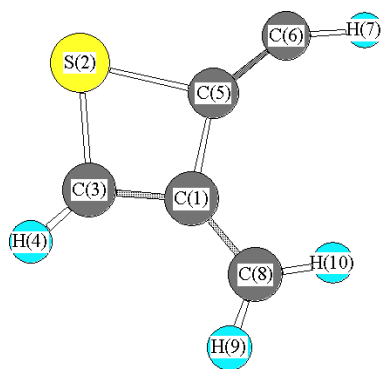
C(1)-N(2)	1.587	C(4)-C(1)-N(2)-C(3)	-22.031	C(1)	-0.490	-0.757	0.833
C(1)-C(4)	1.304	C(4)-C(1)-N(2)-C(11)	143.593	N(2)	-0.594	0.493	-0.140
C(1)-H(7)	1.085	H(7)-C(1)-N(2)-C(3)	163.949	C(3)	0.534	1.127	-0.451
N(2)-C(3)	1.330	H(7)-C(1)-N(2)-C(11)	-30.426	C(4)	0.696	-1.297	0.861
N(2)-C(11)	1.425	N(2)-C(1)-C(4)-C(6)	10.092	C(5)	1.761	0.722	-0.154
C(3)-C(5)	1.326	H(7)-C(1)-C(4)-C(6)	-177.783	C(6)	1.954	-0.832	0.310
C(4)-C(6)	1.449	C(1)-N(2)-C(3)-C(5)	8.524	C(11)	-1.823	0.641	-0.847
C(5)-C(6)	1.633	C(11)-N(2)-C(3)-C(5)	-155.815	O(12)	-2.789	-0.089	-0.685
C(5)-H(10)	1.090	C(1)-N(2)-C(11)-O(12)	3.824	H(7)	-1.461	-1.020	1.239
C(6)-H(8)	1.106	C(1)-N(2)-C(11)-H(13)	180.000	H(10)	2.627	1.366	-0.001
C(6)-H(9)	1.105	C(3)-N(2)-C(11)-O(12)	168.350	H(8)	2.752	-0.745	1.070
C(11)-O(12)	1.222	C(3)-N(2)-C(11)-H(13)	-15.488	H(9)	2.338	-1.485	-0.495
C(11)-H(13)	1.109	N(2)-C(3)-C(5)-C(6)	15.551	H(13)	-1.812	1.536	-1.502
		N(2)-C(3)-C(5)-H(10)	-151.771				
		C(1)-C(4)-C(6)-C(5)	11.462				
		C(1)-C(4)-C(6)-H(8)	123.397				
		C(1)-C(4)-C(6)-H(9)	-114.719				
		C(3)-C(5)-C(6)-C(4)	-24.938				
		C(3)-C(5)-C(6)-H(8)	-144.166				
		C(3)-C(5)-C(6)-H(9)	100.955				
		H(10)-C(5)-C(6)-C(4)	143.720				
		H(10)-C(5)-C(6)-H(8)	24.492				
		H(10)-C(5)-C(6)-H(9)	-90.387				



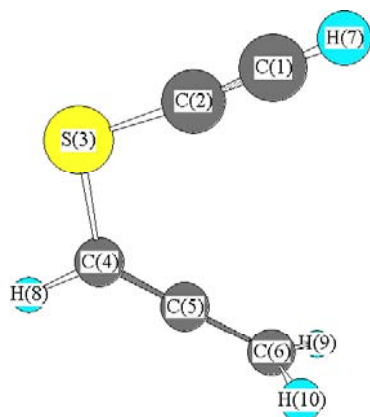
C(1)-C(2)	1.223			C(1)	1.172	2.057	1.181
C(1)-H(7)	1.072	H(7)-C(1)-C(2)-S(3)	0.000	C(2)	0.088	1.606	0.837
C(2)-S(3)	1.698	C(1)-C(2)-S(3)-C(4)	-179.000	S(3)	-1.466	1.081	0.398
S(3)-C(4)	1.827	C(2)-S(3)-C(4)-C(5)	0.000	C(4)	-1.175	-0.574	-0.320
C(4)-C(5)	1.312	C(2)-S(3)-C(4)-H(8)	180.000	C(5)	-0.021	-1.185	-0.452
C(4)-H(8)	1.095	S(3)-C(4)-C(5)-C(6)	3.890	C(6)	1.140	-1.791	-0.580
C(5)-C(6)	1.316	H(8)-C(4)-C(5)-C(6)	180.000	H(7)	2.127	2.443	1.480
C(6)-H(9)	1.097	C(4)-C(5)-C(6)-H(9)	-90.067	H(8)	-2.127	-1.010	-0.640
C(6)-H(10)	1.097	C(4)-C(5)-C(6)-H(10)	90.067	H(9)	1.757	-1.674	-1.480
				H(10)	1.543	-2.443	0.204



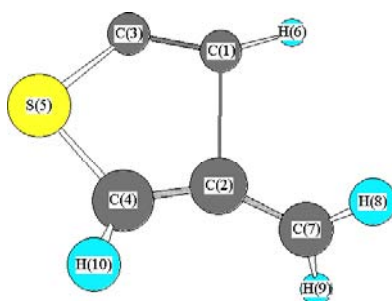
C(1)-C(2)	1.856			C(1)	0.170	1.319	-0.399
C(1)-S(3)	1.802			C(2)	-0.044	-0.524	-0.394
C(1)-C(5)	1.277	C(5)-C(1)-S(3)-C(4)	178.658	S(3)	-1.618	1.387	-0.185
C(2)-C(4)	1.371	S(3)-C(1)-C(5)-H(7)	170.226	C(4)	-1.406	-0.371	-0.347
C(2)-C(6)	1.356	C(6)-C(2)-C(4)-S(3)	155.129	C(5)	1.132	2.155	-0.467
S(3)-C(4)	1.778	C(6)-C(2)-C(4)-H(8)	-33.953	C(6)	0.945	-1.418	-0.149
C(4)-H(8)	1.091	C(4)-C(2)-C(6)-H(9)	161.557	H(8)	-2.213	-1.083	-0.520
C(5)-H(7)	1.083	C(4)-C(2)-C(6)-H(10)	-26.501	H(7)	2.213	2.222	-0.478
C(6)-H(9)	1.095	C(1)-S(3)-C(4)-C(2)	5.251	H(9)	1.940	-1.288	-0.588
C(6)-H(10)	1.096	C(1)-S(3)-C(4)-H(8)	-166.409	H(10)	0.834	-2.222	0.588



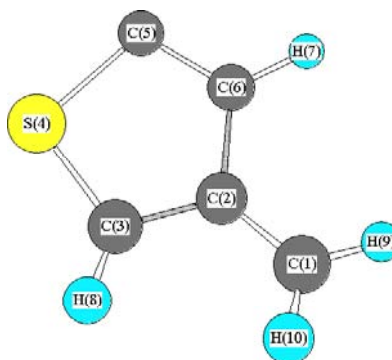
		C(5)-C(1)-C(3)-S(2)	0.000				
		C(5)-C(1)-C(3)-H(4)	-179.000				
		C(8)-C(1)-C(3)-S(2)	180.000				
		C(8)-C(1)-C(3)-H(4)	-0.316				
		C(3)-C(1)-C(5)-S(2)	0.000				
		C(3)-C(1)-C(5)-C(6)	-179.000				
		C(8)-C(1)-C(5)-S(2)	-179.000				
		C(8)-C(1)-C(5)-C(6)	0.000				
C(1)-C(3)	1.418	C(3)-C(1)-C(8)-H(9)	0.000	C(1)	-0.090	-0.135	0.093
C(1)-C(5)	1.514	C(3)-C(1)-C(8)-H(10)	179.684	S(2)	-1.638	1.744	-0.094
C(1)-C(8)	1.379	C(5)-C(1)-C(8)-H(9)	180.000	C(3)	-1.502	-0.019	0.149
S(2)-C(3)	1.785	C(5)-C(1)-C(8)-H(10)	0.000	C(5)	0.216	1.331	-0.130
S(2)-C(5)	1.900	C(5)-S(2)-C(3)-C(1)	0.000	C(6)	1.233	2.127	-0.295
C(3)-H(4)	1.088	C(5)-S(2)-C(3)-H(4)	180.000	C(8)	0.795	-1.187	0.197
C(5)-C(6)	1.302	C(3)-S(2)-C(5)-C(1)	0.000	H(4)	-2.311	-0.731	0.291
C(6)-H(7)	1.083	C(3)-S(2)-C(5)-C(6)	180.000	H(7)	2.311	2.207	-0.360
C(8)-H(9)	1.092	C(1)-C(5)-C(6)-H(7)	-0.316	H(9)	0.440	-2.207	0.360
C(8)-H(10)	1.091	S(2)-C(5)-C(6)-H(7)	180.000	H(10)	1.872	-1.029	0.119



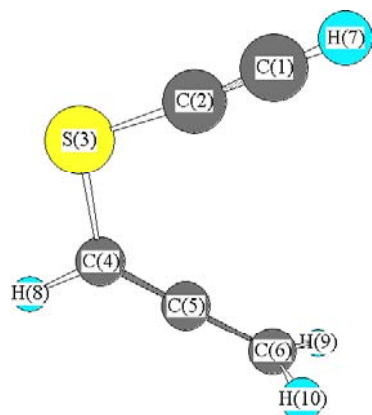
C(1)-C(2)	1.223			C(1)	1.172	2.057	1.181
C(1)-H(7)	1.072	H(7)-C(1)-C(2)-S(3)	0.000	C(2)	0.088	1.606	0.837
C(2)-S(3)	1.698	C(1)-C(2)-S(3)-C(4)	-179.000	S(3)	-1.466	1.081	0.398
S(3)-C(4)	1.827	C(2)-S(3)-C(4)-C(5)	0.000	C(4)	-1.175	-0.574	-0.320
C(4)-C(5)	1.312	C(2)-S(3)-C(4)-H(8)	180.000	C(5)	-0.021	-1.185	-0.452
C(4)-H(8)	1.095	S(3)-C(4)-C(5)-C(6)	3.890	C(6)	1.140	-1.791	-0.580
C(5)-C(6)	1.316	H(8)-C(4)-C(5)-C(6)	180.000	H(7)	2.127	2.443	1.480
C(6)-H(9)	1.097	C(4)-C(5)-C(6)-H(9)	-90.067	H(8)	-2.127	-1.010	-0.640
C(6)-H(10)	1.097	C(4)-C(5)-C(6)-H(10)	90.067	H(9)	1.757	-1.674	-1.480
				H(10)	1.543	-2.443	0.204



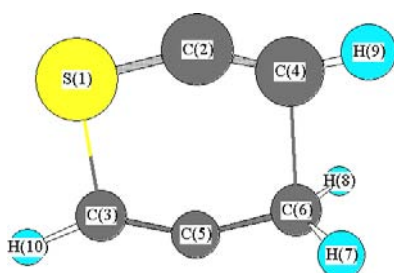
C(1)-C(2)	2.028			C(1)	0.202	1.493	-0.610
C(1)-C(3)	1.282			C(2)	0.173	-0.339	0.259
C(1)-H(6)	1.080	H(6)-C(1)-C(3)-S(5)	166.841	C(3)	-1.057	1.727	-0.678
C(2)-C(4)	1.350	C(7)-C(2)-C(4)-S(5)	-159.034	C(4)	-1.140	-0.539	0.502
C(2)-C(7)	1.353	C(7)-C(2)-C(4)-H(10)	24.875	S(5)	-2.282	0.762	0.047
C(3)-S(5)	1.720	C(4)-C(2)-C(7)-H(8)	-135.693	C(7)	1.372	-0.940	0.085
C(4)-S(5)	1.790	C(4)-C(2)-C(7)-H(9)	52.842	H(6)	1.172	1.745	-1.014
C(4)-H(10)	1.093	C(1)-C(3)-S(5)-C(4)	-8.809	H(10)	-1.536	-1.420	1.014
C(7)-H(8)	1.097	C(2)-C(4)-S(5)-C(3)	4.433	H(8)	2.282	-0.559	0.565
C(7)-H(9)	1.098	H(10)-C(4)-S(5)-C(3)	-179.224	H(9)	1.518	-1.745	-0.647



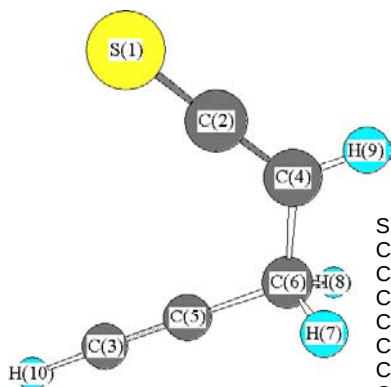
		H(9)-C(1)-C(2)-C(3)	175.946				
		H(9)-C(1)-C(2)-C(6)	-14.824				
		H(10)-C(1)-C(2)-C(3)	-6.859				
		H(10)-C(1)-C(2)-C(6)	162.372				
		C(1)-C(2)-C(3)-S(4)	173.611				
		C(1)-C(2)-C(3)-H(8)	1.343				
		C(6)-C(2)-C(3)-S(4)	2.953				
C(1)-C(2)	1.384	C(6)-C(2)-C(3)-H(8)	-169.320	C(1)	1.207	-1.016	0.083
C(1)-H(9)	1.093	C(1)-C(2)-C(6)-C(5)	-166.560	C(2)	0.160	-0.159	-0.209
C(1)-H(10)	1.093	C(1)-C(2)-C(6)-H(7)	3.705	C(3)	-1.221	-0.530	-0.045
C(2)-C(3)	1.440	C(3)-C(2)-C(6)-C(5)	3.773	S(4)	-2.244	0.813	-0.326
C(2)-C(6)	1.478	C(3)-C(2)-C(6)-H(7)	174.042	C(5)	-0.888	1.986	-0.478
C(3)-S(4)	1.712	C(2)-C(3)-S(4)-C(5)	-6.498	C(6)	0.285	1.285	-0.500
C(3)-H(8)	1.092	H(8)-C(3)-S(4)-C(5)	165.949	H(9)	2.244	-0.732	-0.112
S(4)-C(5)	1.799	C(3)-S(4)-C(5)-C(6)	8.524	H(10)	1.041	-1.986	0.559
C(5)-C(6)	1.367	S(4)-C(5)-C(6)-C(2)	-8.262	H(8)	-1.577	-1.490	0.335
C(6)-H(7)	1.094	S(4)-C(5)-C(6)-H(7)	-178.266	H(7)	1.268	1.762	-0.559



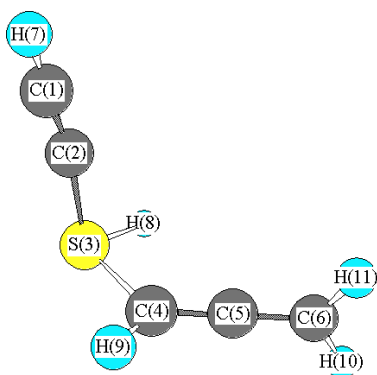
C(1)-C(2)	1.223	H(7)-C(1)-C(2)-S(3)	0.000	C(1)	1.172	2.057	1.181
C(1)-H(7)	1.072	C(1)-C(2)-S(3)-C(4)	-179.000	C(2)	0.088	1.606	0.837
C(2)-S(3)	1.698	C(2)-S(3)-C(4)-C(5)	0.000	S(3)	-1.466	1.081	0.398
S(3)-C(4)	1.827	C(2)-S(3)-C(4)-H(8)	180.000	C(4)	-1.175	-0.574	-0.320
C(4)-C(5)	1.312	S(3)-C(4)-C(5)-C(6)	3.890	C(5)	-0.021	-1.185	-0.452
C(4)-H(8)	1.095	H(8)-C(4)-C(5)-C(6)	180.000	C(6)	1.140	-1.791	-0.580
C(5)-C(6)	1.316	C(4)-C(5)-C(6)-H(9)	-90.067	H(7)	2.127	2.443	1.480
C(6)-H(9)	1.097	C(4)-C(5)-C(6)-H(10)	90.067	H(8)	-2.127	-1.010	-0.640
C(6)-H(10)	1.097			H(9)	1.757	-1.674	-1.480
				H(10)	1.543	-2.443	0.204



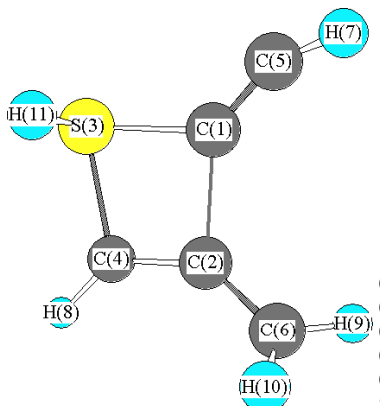
		C(3)-S(1)-C(2)-C(4)	0.000				
		C(2)-S(1)-C(3)-C(5)	0.000				
		C(2)-S(1)-C(3)-H(10)	180.000				
		S(1)-C(2)-C(4)-H(9)	180.000				
		S(1)-C(2)-C(4)-C(6)	0.000				
		C(2)-C(4)-C(6)-C(5)	0.000				
S(1)-C(2)	1.646	C(2)-C(4)-C(6)-H(7)	-122.070	S(1)	-1.596	0.962	0.877
S(1)-C(3)	2.141	C(2)-C(4)-C(6)-H(8)	122.159	C(2)	-0.009	1.346	1.087
C(2)-C(4)	1.266	H(9)-C(4)-C(6)-C(5)	-179.000	C(4)	1.209	1.061	0.891
C(4)-H(9)	1.079	H(9)-C(4)-C(6)-H(7)	57.941	H(9)	2.248	1.316	1.030
C(4)-C(6)	2.145	H(9)-C(4)-C(6)-H(8)	-57.829	C(3)	-1.275	-0.838	-0.237
C(3)-C(5)	1.275	S(1)-C(3)-C(5)-C(6)	0.000	C(5)	-0.036	-1.086	-0.409
C(3)-H(10)	1.083	H(10)-C(3)-C(5)-C(6)	-179.000	C(6)	1.286	-0.765	-0.232
C(5)-C(6)	1.372	C(3)-C(5)-C(6)-C(4)	0.000	H(10)	-2.248	-1.250	-0.474
C(6)-H(7)	1.097	C(3)-C(5)-C(6)-H(7)	106.517	H(7)	1.882	-1.346	0.484
C(6)-H(8)	1.097	C(3)-C(5)-C(6)-H(8)	-106.375	H(8)	1.857	-0.380	-1.086



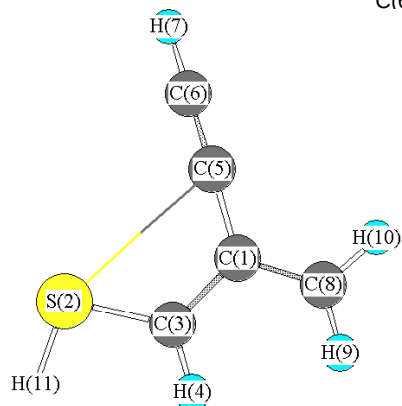
9)		S(1)-C(2)-C(4)-C(6)	-179.000					
		S(1)-C(2)-C(4)-H(9)	0.000					
		H(10)-C(3)-C(5)-C(6)	0.000	S(1)	-1.002	2.182	1.060	
	S(1)-C(2)	1.582	C(2)-C(4)-C(6)-C(5)	0.000	C(2)	0.231	1.243	0.742
	C(2)-C(4)	1.322	C(2)-C(4)-C(6)-H(7)	-123.019	C(3)	-1.277	-1.831	-0.701
	C(3)-C(5)	1.217	C(2)-C(4)-C(6)-H(8)	123.037	C(4)	1.263	0.462	0.478
	C(3)-H(10)	1.072	H(9)-C(4)-C(6)-C(5)	-179.000	C(5)	-0.159	-1.425	-0.444
	C(4)-C(6)	1.537	H(9)-C(4)-C(6)-H(7)	56.983	C(6)	1.193	-0.945	-0.137
	C(4)-H(9)	1.097	H(9)-C(4)-C(6)-H(8)	-56.960	H(10)	-2.265	-2.182	-0.926
	C(5)-C(6)	1.468	C(3)-C(5)-C(6)-C(4)	180.000	H(9)	2.265	0.839	0.715
	C(6)-H(7)	1.109	C(3)-C(5)-C(6)-H(7)	-58.833	H(7)	1.690	-1.654	0.556
	C(6)-H(8)	1.109	C(3)-C(5)-C(6)-H(8)	56.561	H(8)	1.808	-0.953	-1.060



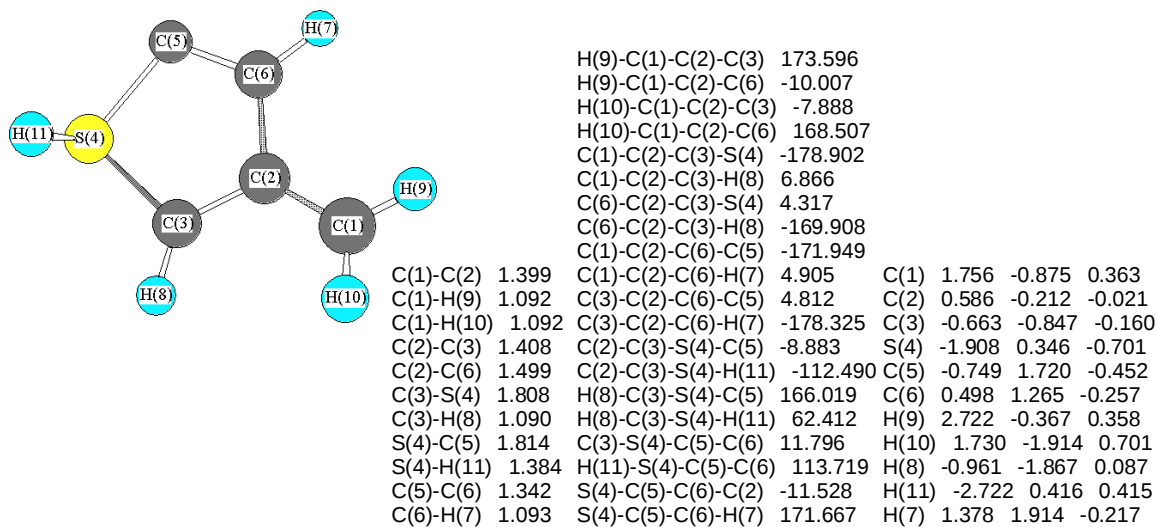
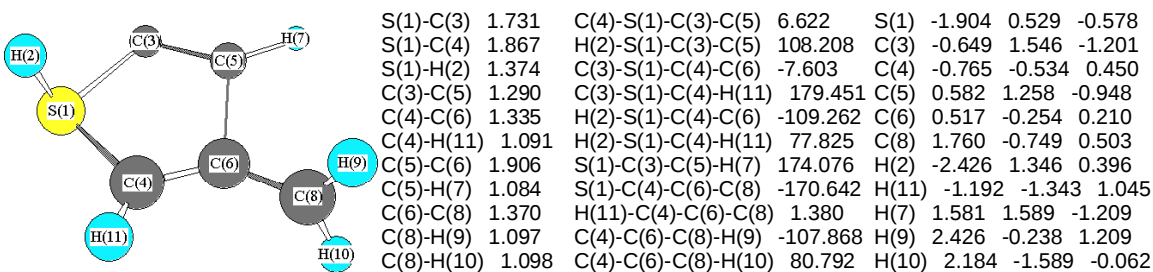
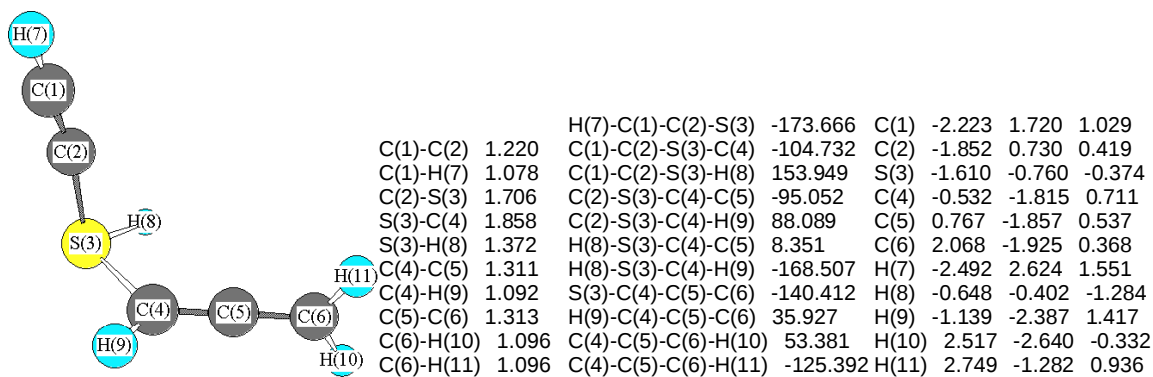
C(1)-C(2)	1.220	H(7)-C(1)-C(2)-S(3)	-173.666	C(1)	-2.223	1.720	1.029
C(1)-H(7)	1.078	C(1)-C(2)-S(3)-C(4)	-104.732	C(2)	-1.852	0.730	0.419
C(2)-S(3)	1.706	C(1)-C(2)-S(3)-H(8)	153.949	S(3)	-1.610	-0.760	-0.374
S(3)-C(4)	1.858	C(2)-S(3)-C(4)-C(5)	-95.052	C(4)	-0.532	-1.815	0.711
S(3)-H(8)	1.372	C(2)-S(3)-C(4)-H(9)	88.089	C(5)	0.767	-1.857	0.537
C(4)-C(5)	1.311	H(8)-S(3)-C(4)-C(5)	8.351	C(6)	2.068	-1.925	0.368
C(4)-H(9)	1.092	H(8)-S(3)-C(4)-H(9)	-168.507	H(7)	-2.492	2.624	1.551
C(5)-C(6)	1.313	S(3)-C(4)-C(5)-C(6)	-140.412	H(8)	-0.648	-0.402	-1.284
C(6)-H(10)	1.096	H(9)-C(4)-C(5)-C(6)	35.927	H(9)	-1.139	-2.387	1.417
C(6)-H(11)	1.096	C(4)-C(5)-C(6)-H(10)	53.381	H(10)	2.517	-2.640	-0.332
		C(4)-C(5)-C(6)-H(11)	-125.392	H(11)	2.749	-1.282	0.936

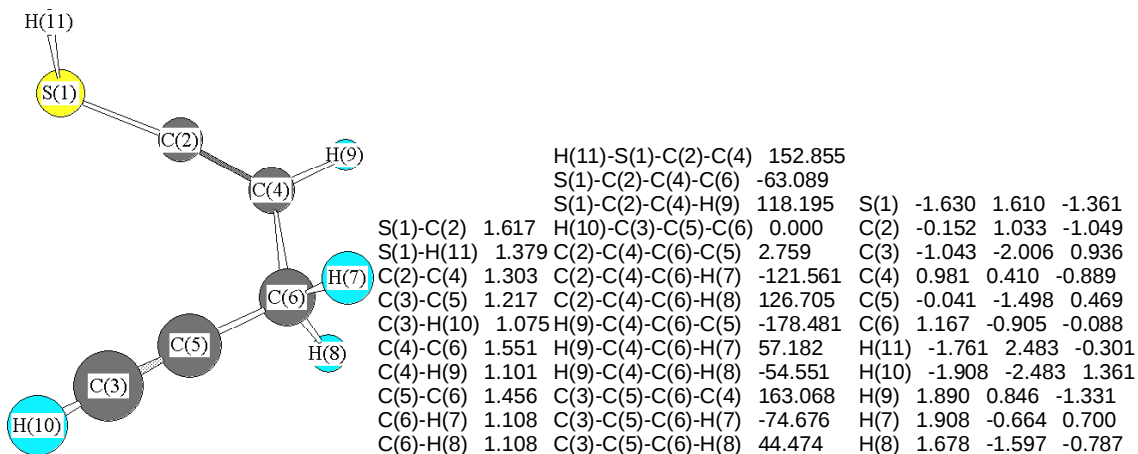
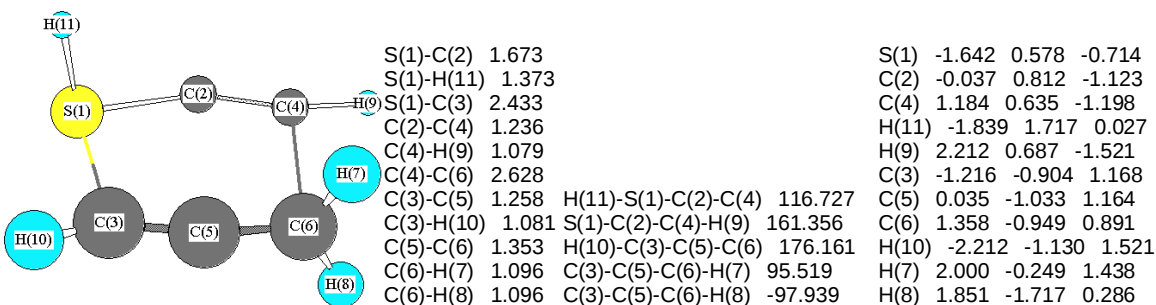
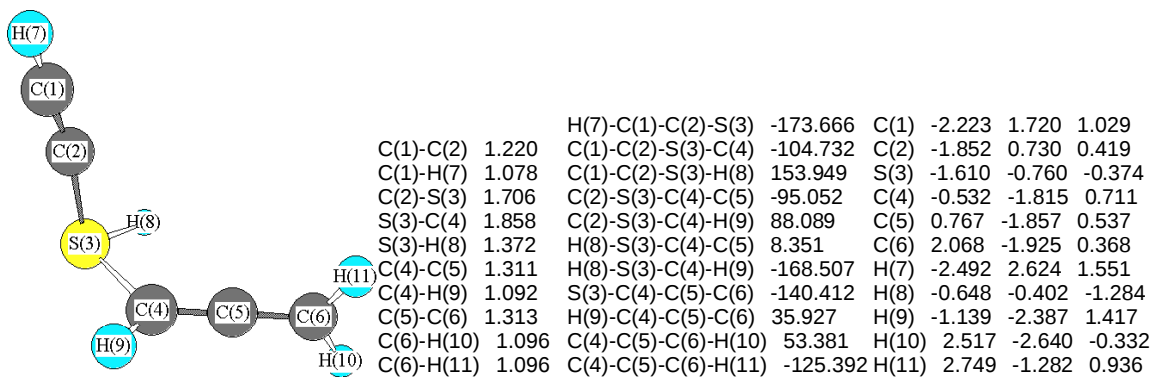


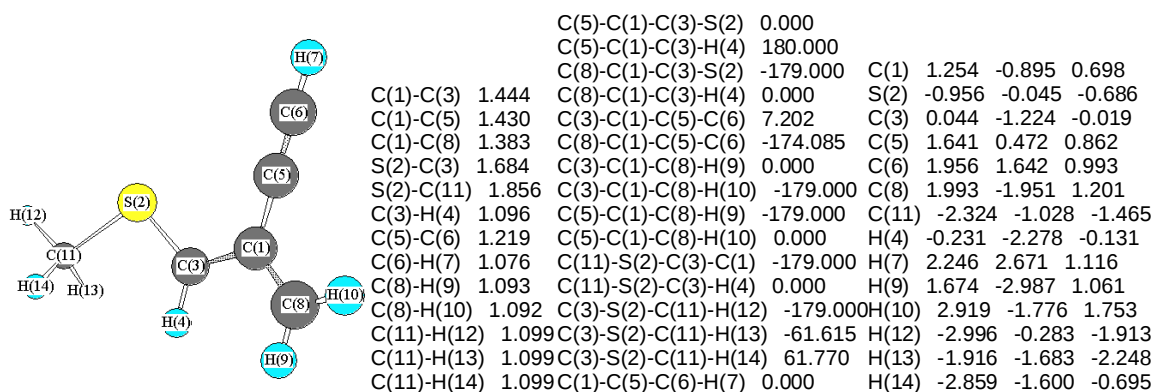
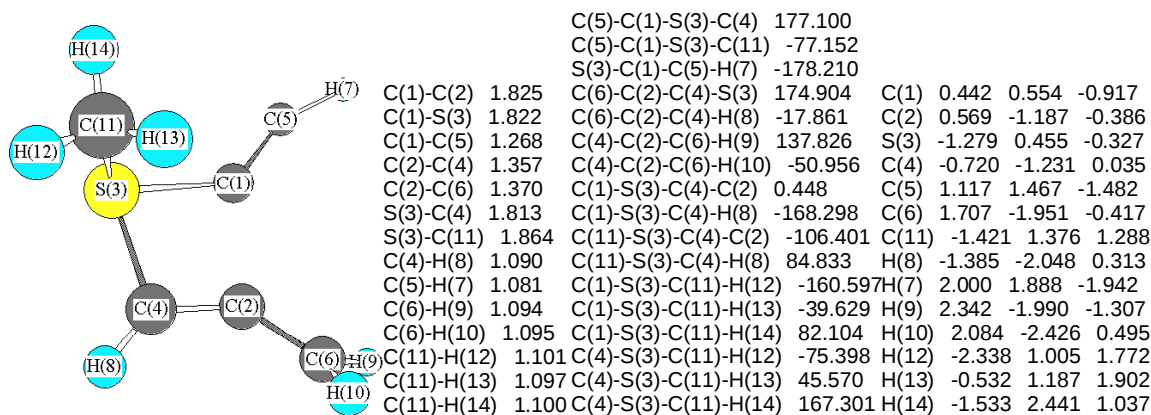
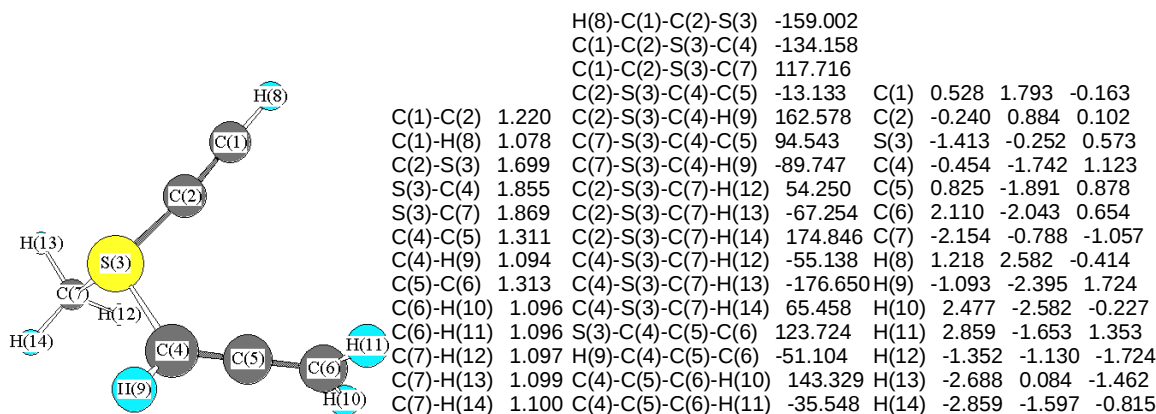
S(3)-C(1)-C(2)-C(4)	0.000						
S(3)-C(1)-C(2)-C(6)	-177.065						
C(5)-C(1)-C(2)-C(4)	-177.631						
C(5)-C(1)-C(2)-C(6)	5.392						
C(2)-C(1)-S(3)-C(4)	0.000						
C(2)-C(1)-S(3)-H(11)	101.668						
C(5)-C(1)-S(3)-C(4)	178.075						
C(5)-C(1)-S(3)-H(11)	-80.324						
C(2)-C(1)-C(5)-H(7)	-1.899						
S(3)-C(1)-C(5)-H(7)	-178.694						
C(1)-C(2)-C(4)-S(3)	0.000						
C(1)-C(2)-C(4)-H(8)	168.992	C(1)	0.291	1.087	0.132		
C(6)-C(2)-C(4)-S(3)	176.295	C(2)	0.179	-0.716	-0.087		
C(6)-C(2)-C(4)-H(8)	-14.779	S(3)	-1.436	1.133	-0.450		
C(1)-C(2)-C(6)-H(9)	-53.521	C(4)	-1.103	-0.668	-0.515		
C(1)-C(2)-C(6)-H(10)	117.499	C(5)	1.095	2.014	0.462		
C(4)-C(2)-C(6)-H(9)	131.155	C(6)	1.156	-1.637	0.213		
C(4)-C(2)-C(6)-H(10)	-57.822	H(11)	-2.170	1.287	0.713		
C(1)-S(3)-C(4)-C(2)	0.000	H(8)	-1.777	-1.390	-0.974		
C(1)-S(3)-C(4)-H(8)	-170.546	H(7)	2.046	2.406	0.798		
H(11)-S(3)-C(4)-C(2)	-101.750	H(9)	2.170	-1.540	-0.187		
H(11)-S(3)-C(4)-H(8)	87.774	H(10)	0.982	-2.406	0.974		

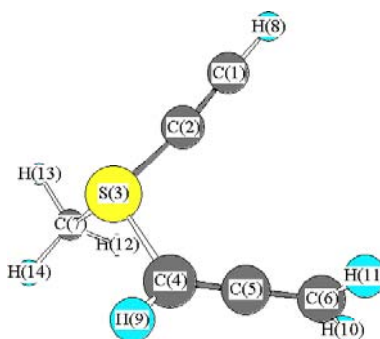


C(5)-C(1)-C(3)-S(2)	0.000						
C(5)-C(1)-C(3)-H(4)	180.000						
C(8)-C(1)-C(3)-S(2)	180.000						
C(8)-C(1)-C(3)-H(4)	0.000						
C(3)-C(1)-C(5)-S(2)	0.000						
C(3)-C(1)-C(5)-C(6)	-1.978						
C(8)-C(1)-C(5)-S(2)	-179.000						
C(8)-C(1)-C(5)-C(6)	176.867						
C(3)-C(1)-C(8)-H(9)	0.000						
C(3)-C(1)-C(8)-H(10)	-179.000						
C(5)-C(1)-C(8)-H(9)	-179.000						
C(5)-C(1)-C(8)-H(10)	0.000	C(1)	0.798	0.245	-0.030		
C(5)-S(2)-C(3)-C(1)	0.000	S(2)	-1.859	-0.418	0.056		
C(5)-S(2)-C(3)-H(4)	-179.000	C(3)	-0.205	-0.786	0.032		
H(11)-S(2)-C(3)-C(1)	180.000	C(5)	0.406	1.618	-0.074		
H(11)-S(2)-C(3)-H(4)	0.000	C(6)	0.043	2.782	-0.112		
C(3)-S(2)-C(5)-C(1)	0.000	C(8)	2.120	-0.169	-0.045		
C(3)-S(2)-C(5)-C(6)	180.000	H(11)	-2.302	-1.710	0.115		
H(11)-S(2)-C(5)-C(1)	0.000	H(4)	0.107	-1.835	0.065		
H(11)-S(2)-C(5)-C(6)	180.000	H(7)	-0.261	3.814	-0.145		
C(1)-C(5)-C(6)-H(7)	0.000	H(9)	2.385	-1.229	-0.011		
S(2)-C(5)-C(6)-H(7)	174.204	H(10)	2.936	0.556	-0.090		

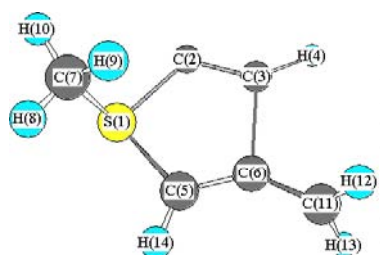




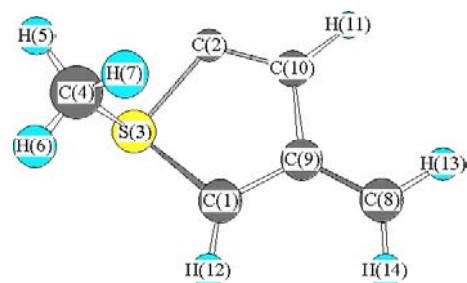




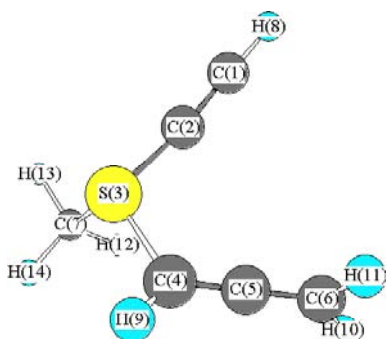
H(8)-C(1)-C(2)-S(3)	-159.002		
C(1)-C(2)-S(3)-C(4)	-134.158		
C(1)-C(2)-S(3)-C(7)	117.716		
C(2)-S(3)-C(4)-C(5)	-13.133	C(1)	0.528 1.793 -0.163
C(2)-S(3)-C(4)-H(9)	162.578	C(2)	-0.240 0.884 0.102
C(7)-S(3)-C(4)-C(5)	94.543	S(3)	-1.413 -0.252 0.573
C(7)-S(3)-C(4)-H(9)	-89.747	C(4)	-0.454 -1.742 1.123
C(2)-S(3)-C(7)-H(12)	54.250	C(5)	0.825 -1.891 0.878
C(2)-S(3)-C(7)-H(13)	-67.254	C(6)	2.110 -2.043 0.654
C(2)-S(3)-C(7)-H(14)	174.846	C(7)	-2.154 -0.788 -1.057
C(4)-S(3)-C(7)-H(12)	-55.138	H(8)	1.218 2.582 -0.414
C(4)-S(3)-C(7)-H(13)	-176.650	H(9)	-1.093 -2.395 1.724
C(4)-S(3)-C(7)-H(14)	65.458	H(10)	2.477 -2.582 -0.227
S(3)-C(4)-C(5)-C(6)	123.724	H(11)	2.859 -1.653 1.353
H(9)-C(4)-C(5)-C(6)	-51.104	H(12)	-1.352 -1.130 -1.724
C(4)-C(5)-C(6)-H(10)	143.329	H(13)	-2.688 0.084 -1.462
C(4)-C(5)-C(6)-H(11)	-35.548	H(14)	-2.859 -1.597 -0.815



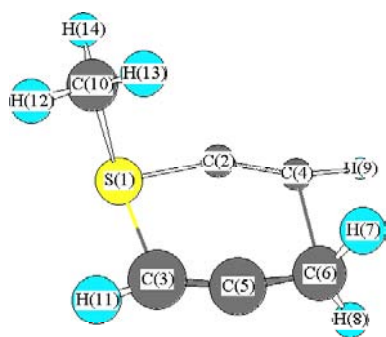
C(5)-S(1)-C(2)-C(3)	4.653		
C(7)-S(1)-C(2)-C(3)	110.841		
C(2)-S(1)-C(5)-C(6)	-6.552		
C(2)-S(1)-C(5)-H(14)	-179.684	S(1)	-1.375 0.269 -0.905
C(7)-S(1)-C(5)-C(6)	-112.294	C(2)	-0.115 1.387 -1.289
C(7)-S(1)-C(5)-H(14)	74.540	C(3)	1.116 1.076 -1.062
C(2)-S(1)-C(7)-H(8)	-171.494	C(5)	-0.251 -0.972 -0.125
C(2)-S(1)-C(7)-H(9)	-49.912	C(6)	1.041 -0.652 -0.263
C(2)-S(1)-C(7)-H(10)	70.850	C(7)	-2.258 1.064 0.530
C(5)-S(1)-C(7)-H(8)	-72.646	C(11)	2.283 -1.197 -0.088
C(5)-S(1)-C(7)-H(9)	48.933	H(4)	2.116 1.459 -1.226
C(5)-S(1)-C(7)-H(10)	169.695	H(14)	-0.672 -1.896 0.275
S(1)-C(2)-C(3)-H(4)	174.213	H(8)	-2.972 0.319 0.910
S(1)-C(5)-C(6)-C(11)	-168.791	H(9)	-1.523 1.361 1.289
H(14)-C(5)-C(6)-C(11)	3.677	H(10)	-2.792 1.930 0.115
C(5)-C(6)-C(11)-H(12)	-113.471	H(12)	2.972 -0.815 0.676
C(5)-C(6)-C(11)-H(13)	75.647	H(13)	2.686 -1.930 -0.797



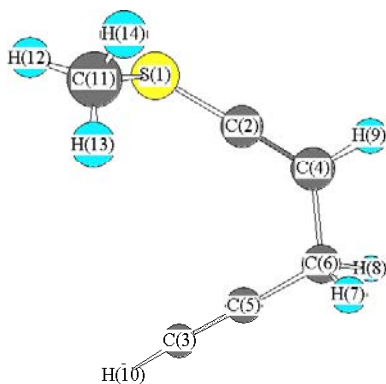
C(9)-C(1)-S(3)-C(2)	-3.992		
C(9)-C(1)-S(3)-C(4)	-107.166		
H(12)-C(1)-S(3)-C(2)	-167.014		
H(12)-C(1)-S(3)-C(4)	89.815		
S(3)-C(1)-C(9)-C(8)	-171.732		
S(3)-C(1)-C(9)-C(10)	4.352		
H(12)-C(1)-C(9)-C(8)	-10.454		
H(12)-C(1)-C(9)-C(10)	165.631		
C(10)-C(2)-S(3)-C(1)	2.705		
C(10)-C(2)-S(3)-C(4)	109.678		
S(3)-C(2)-C(10)-C(9)	-0.706		
S(3)-C(2)-C(10)-H(11)	177.901		
C(1)-S(3)-C(4)-H(5)	164.430	C(1)	-0.279 -0.837 -0.399
C(1)-S(3)-C(4)-H(6)	-77.775	C(2)	-0.445 1.560 -1.290
C(1)-S(3)-C(4)-H(7)	44.005	S(3)	-1.602 0.237 -0.973
C(2)-S(3)-C(4)-H(5)	69.401	C(4)	-2.488 0.844 0.562
C(2)-S(3)-C(4)-H(6)	-172.805	C(8)	2.199 -0.823 -0.361
C(2)-S(3)-C(4)-H(7)	-51.024	C(9)	0.971 -0.192 -0.557
H(13)-C(8)-C(9)-C(1)	-174.187	C(10)	0.830 1.217 -1.050
H(14)-C(8)-C(9)-C(1)	7.576	H(12)	-0.469 -1.903 -0.268
H(14)-C(8)-C(9)-C(10)	-168.069	H(5)	-3.092 1.701 0.229
C(1)-C(9)-C(10)-C(2)	-2.472	H(6)	-3.132 0.019 0.899
C(1)-C(9)-C(10)-H(11)	178.902	H(7)	-1.746 1.132 1.317
C(8)-C(9)-C(10)-H(11)	173.620	H(13)	3.137 -0.266 -0.402
C(8)-C(9)-C(10)-C(2)	-5.006	H(14)	2.259 -1.900 -0.188
C(8)-C(9)-C(10)-H(11)	-5.006	H(11)	1.692 1.868 -1.212



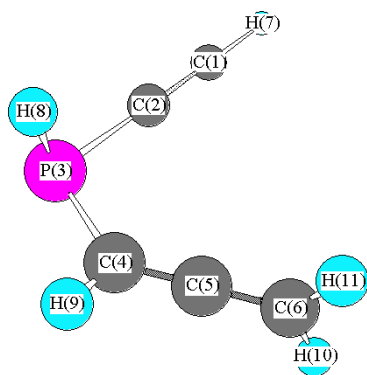
H(8)-C(1)-C(2)-S(3)	-159.002		
C(1)-C(2)-S(3)-C(4)	-134.158		
C(1)-C(2)-S(3)-C(7)	117.716		
C(2)-S(3)-C(4)-C(5)	-13.133	C(1)	0.528 1.793 -0.163
C(2)-S(3)-C(4)-H(9)	162.578	C(2)	-0.240 0.884 0.102
C(7)-S(3)-C(4)-C(5)	94.543	S(3)	-1.413 -0.252 0.573
C(7)-S(3)-C(4)-H(9)	-89.747	C(4)	-0.454 -1.742 1.123
C(2)-S(3)-C(7)-H(12)	54.250	C(5)	0.825 -1.891 0.878
C(2)-S(3)-C(7)-H(13)	-67.254	C(6)	2.110 -2.043 0.654
C(2)-S(3)-C(7)-H(14)	174.846	C(7)	-2.154 -0.788 -1.057
C(4)-S(3)-C(7)-H(12)	-55.138	H(8)	1.218 2.582 -0.414
C(4)-S(3)-C(7)-H(13)	-176.650	H(9)	-1.093 -2.395 1.724
C(4)-S(3)-C(7)-H(14)	65.458	H(10)	2.477 -2.582 -0.227
S(3)-C(4)-C(5)-C(6)	123.724	H(11)	2.859 -1.653 1.353
H(9)-C(4)-C(5)-C(6)	-51.104	H(12)	-1.352 -1.130 -1.724
C(4)-C(5)-C(6)-H(10)	143.329	H(13)	-2.688 0.084 -1.462
C(4)-C(5)-C(6)-H(11)	-35.548	H(14)	-2.859 -1.597 -0.815



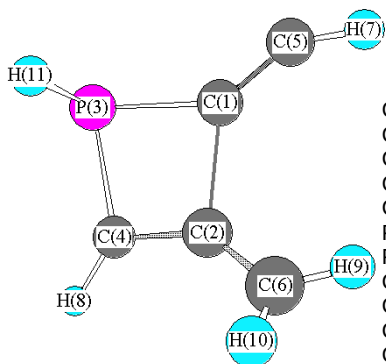
S(1)-C(2)	1.663	S(1)	-1.221 -0.087 -0.536
S(1)-C(10)	1.870	C(2)	0.322 0.219 -1.075
S(1)-C(3)	2.342	C(4)	1.550 0.012 -1.135
C(2)-C(4)	1.247	C(10)	-1.636 1.404 0.513
C(4)-H(9)	1.080	H(9)	2.543 0.100 -1.551
C(4)-C(6)	2.397	H(12)	-2.579 1.155 1.020
C(10)-H(12)	1.100	C(10)-S(1)-C(2)-C(4)	112.401
C(10)-H(13)	1.097	C(2)-S(1)-C(10)-H(12)	-170.627
C(10)-H(14)	1.099	C(2)-S(1)-C(10)-H(13)	-50.354
C(3)-C(5)	1.262	C(2)-S(1)-C(10)-H(14)	71.611
C(3)-H(11)	1.082	S(1)-C(2)-C(4)-H(9)	164.217
C(5)-C(6)	1.358	H(11)-C(3)-C(5)-C(6)	174.701
C(6)-H(7)	1.096	C(3)-C(5)-C(6)-H(7)	100.490
C(6)-H(8)	1.096	C(3)-C(5)-C(6)-H(8)	-99.491
		H(13)	-0.829 1.588 1.232
		H(14)	-1.782 2.257 -0.165
		C(3)	-0.625 -1.625 1.126
		C(5)	0.631 -1.722 1.062
		C(6)	1.915 -1.529 0.664
		H(11)	-1.565 -1.950 1.551
		H(7)	2.579 -0.865 1.229
		H(8)	2.395 -2.257 -0.001



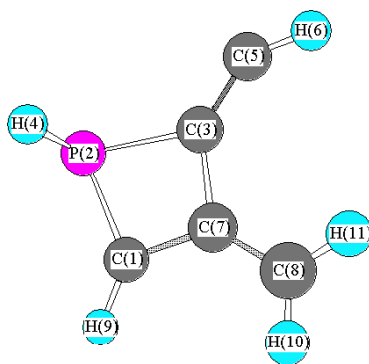
C(11)-S(1)-C(2)-C(4)	153.804		
C(2)-S(1)-C(11)-H(12)	-167.226		
C(2)-S(1)-C(11)-H(13)	-48.013	S(1)	-0.717 2.043 -0.608
C(2)-S(1)-C(11)-H(14)	74.412	C(2)	0.650 1.249 -0.332
S(1)-C(2)-C(4)-C(6)	-63.841	C(3)	-0.338 -2.156 -1.385
S(1)-C(2)-C(4)-H(9)	116.709	C(4)	1.768 0.571 -0.263
H(10)-C(3)-C(5)-C(6)	0.000	C(5)	0.680 -1.596 -1.023
C(2)-C(4)-C(6)-C(5)	0.633	C(6)	1.905 -0.928 -0.594
C(2)-C(4)-C(6)-H(7)	-123.553	C(11)	-1.683 1.986 1.004
C(2)-C(4)-C(6)-H(8)	124.516	H(10)	-1.215 -2.683 -1.714
H(9)-C(4)-C(6)-C(5)	-179.000	H(9)	2.681 1.094 0.060
H(9)-C(4)-C(6)-H(7)	55.909	H(7)	2.333 -1.403 0.311
H(9)-C(4)-C(6)-H(8)	-56.021	H(8)	2.695 -0.995 -1.369
C(3)-C(5)-C(6)-C(4)	142.981	H(12)	-2.695 2.320 0.734
C(3)-C(5)-C(6)-H(7)	-96.472	H(13)	-1.691 0.956 1.382
C(3)-C(5)-C(6)-H(8)	21.554	H(14)	-1.217 2.683 1.714



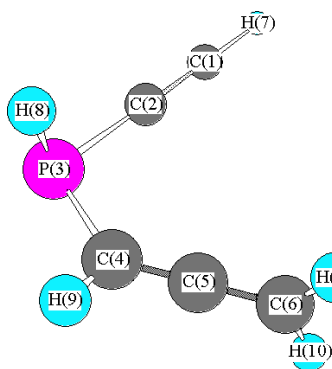
		H(7)-C(1)-C(2)-P(3)	171.067	C(1)	0.295	1.854	-1.178
C(1)-C(2)	1.224	C(1)-C(2)-P(3)-C(4)	123.175	C(2)	-0.565	1.234	-0.567
C(1)-H(7)	1.073	C(1)-C(2)-P(3)-H(8)	-137.534	P(3)	-1.919	0.283	0.086
C(2)-P(3)	1.779	C(2)-P(3)-C(4)-C(5)	-15.752	C(4)	-1.058	-1.065	1.055
P(3)-C(4)	1.870	C(2)-P(3)-C(4)-H(9)	170.751	C(5)	0.209	-1.402	0.961
P(3)-H(8)	1.440	H(8)-P(3)-C(4)-C(5)	-115.609	C(6)	1.480	-1.728	0.852
C(4)-C(5)	1.315	H(8)-P(3)-C(4)-H(9)	70.891	H(7)	1.069	2.416	-1.666
C(4)-H(9)	1.099	P(3)-C(4)-C(5)-C(6)	-5.941	H(8)	-2.237	1.134	1.204
C(5)-C(6)	1.316	H(9)-C(4)-C(5)-C(6)	166.474	H(9)	-1.751	-1.660	1.666
C(6)-H(10)	1.096	C(4)-C(5)-C(6)-H(10)	-76.229	H(10)	1.834	-2.416	0.077
C(6)-H(11)	1.096	C(4)-C(5)-C(6)-H(11)	103.831	H(11)	2.237	-1.324	1.534



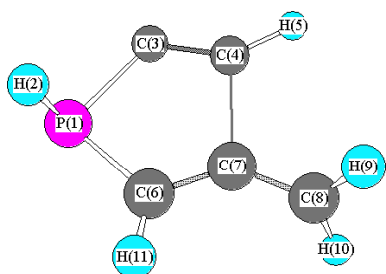
C(1)-C(2)	1.794	C(5)-C(1)-P(3)-C(4)	174.300	C(1)	0.312	1.134	-0.465
C(1)-P(3)	1.868	C(5)-C(1)-P(3)-H(11)	-84.755	C(2)	0.137	-0.640	-0.267
C(1)-C(5)	1.274	P(3)-C(1)-C(5)-H(7)	-177.652	P(3)	-1.427	1.071	-1.142
C(2)-C(4)	1.373	C(6)-C(2)-C(4)-P(3)	166.574	C(4)	-1.139	-0.702	-0.770
C(2)-C(6)	1.365	C(6)-C(2)-C(4)-H(8)	-28.987	C(5)	1.269	1.959	-0.296
P(3)-C(4)	1.834	C(4)-C(2)-C(6)-H(9)	160.648	C(6)	1.059	-1.375	0.422
P(3)-H(11)	1.453	C(4)-C(2)-C(6)-H(10)	-29.242	H(11)	-2.283	1.506	-0.050
C(4)-H(8)	1.091	C(1)-P(3)-C(4)-C(2)	0.316	H(8)	-1.679	-1.586	-1.111
C(5)-H(7)	1.082	C(1)-P(3)-C(4)-H(8)	-163.533	H(7)	2.283	2.138	0.036
C(6)-H(9)	1.093	H(11)-P(3)-C(4)-C(2)	-103.130	H(9)	2.121	-1.117	0.395
C(6)-H(10)	1.094	H(11)-P(3)-C(4)-H(8)	92.954	H(10)	0.746	-2.138	1.142



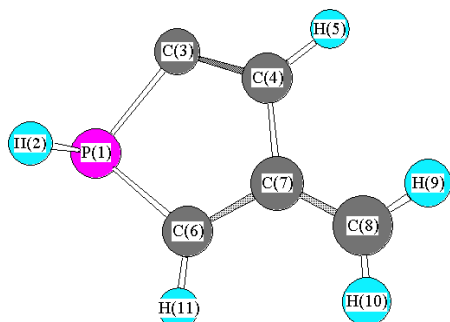
		C(7)-C(1)-P(2)-C(3)	-4.364				
		C(7)-C(1)-P(2)-H(4)	-102.032				
		H(9)-C(1)-P(2)-C(3)	-177.390				
		H(9)-C(1)-P(2)-H(4)	84.947				
		P(2)-C(1)-C(7)-C(3)	5.392				
		P(2)-C(1)-C(7)-C(8)	-175.412				
		H(9)-C(1)-C(7)-C(3)	178.815				
		H(9)-C(1)-C(7)-C(8)	-2.002				
		C(1)-P(2)-C(3)-C(5)	-176.295				
		C(1)-P(2)-C(3)-C(7)	4.041				
		H(4)-P(2)-C(3)-C(5)	-77.790				
C(1)-P(2)	1.844	H(4)-P(2)-C(3)-C(7)	102.539	C(1)	-0.927	-1.091	-0.203
C(1)-C(7)	1.415	P(2)-C(3)-C(5)-H(6)	179.451	P(2)	-1.582	0.505	-0.855
C(1)-H(9)	1.091	C(7)-C(3)-C(5)-H(6)	-0.949	C(3)	0.181	0.862	-0.147
P(2)-C(3)	1.933	P(2)-C(3)-C(7)-C(1)	-5.116	C(5)	0.879	1.958	-0.012
P(2)-H(4)	1.451	P(2)-C(3)-C(7)-C(8)	175.648	C(7)	0.360	-0.617	0.146
C(3)-C(5)	1.306	C(5)-C(3)-C(7)-C(1)	175.239	C(8)	1.489	-1.261	0.636
C(3)-C(7)	1.519	C(5)-C(3)-C(7)-C(8)	-4.004	H(9)	-1.319	-2.109	-0.190
C(5)-H(6)	1.087	C(1)-C(7)-C(8)-H(10)	-0.706	H(4)	-2.406	0.943	0.255
C(7)-C(8)	1.389	C(1)-C(7)-C(8)-H(11)	-179.553	H(6)	1.832	2.337	0.349
C(8)-H(10)	1.093	C(3)-C(7)-C(8)-H(10)	178.355	H(10)	1.483	-2.337	0.831
C(8)-H(11)	1.092	C(3)-C(7)-C(8)-H(11)	-0.547	H(11)	2.406	-0.710	0.855



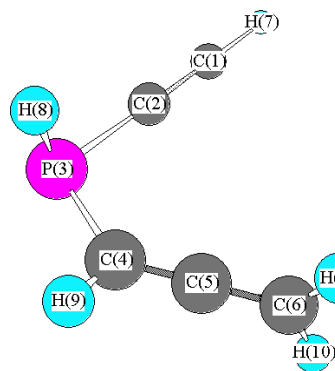
		H(7)-C(1)-C(2)-P(3)	171.067	C(1)	0.295	1.854	-1.178
C(1)-C(2)	1.224	C(1)-C(2)-P(3)-C(4)	123.175	C(2)	-0.565	1.234	-0.567
C(1)-H(7)	1.073	C(1)-C(2)-P(3)-H(8)	-137.534	P(3)	-1.919	0.283	0.086
C(2)-P(3)	1.779	C(2)-P(3)-C(4)-C(5)	-15.752	C(4)	-1.058	-1.065	1.055
P(3)-C(4)	1.870	C(2)-P(3)-C(4)-H(9)	170.751	C(5)	0.209	-1.402	0.961
P(3)-H(8)	1.440	H(8)-P(3)-C(4)-C(5)	-115.609	C(6)	1.480	-1.728	0.852
C(4)-C(5)	1.315	H(8)-P(3)-C(4)-H(9)	70.891	H(7)	1.069	2.416	-1.666
C(4)-H(9)	1.099	P(3)-C(4)-C(5)-C(6)	-5.941	H(8)	-2.237	1.134	1.204
C(5)-C(6)	1.316	H(9)-C(4)-C(5)-C(6)	166.474	H(9)	-1.751	-1.660	1.666
C(6)-H(10)	1.096	C(4)-C(5)-C(6)-H(10)	-76.229	H(10)	1.834	-2.416	0.077
C(6)-H(11)	1.096	C(4)-C(5)-C(6)-H(11)	103.831	H(11)	2.237	-1.324	1.534



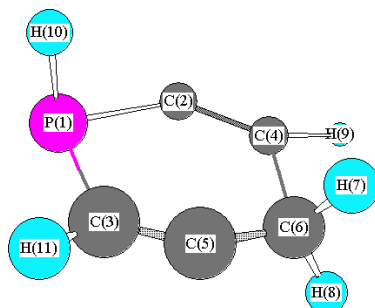
P(1)-C(3)	1.790	C(6)-P(1)-C(3)-C(4)	5.447	P(1)	-1.975	0.286	-0.568
P(1)-C(6)	1.860	H(2)-P(1)-C(3)-C(4)	106.106	C(3)	-0.711	1.521	-0.857
P(1)-H(2)	1.435	C(3)-P(1)-C(6)-C(7)	-8.911	C(4)	0.531	1.338	-0.571
C(3)-C(4)	1.288	C(3)-P(1)-C(6)-H(11)	-178.418	C(6)	-0.722	-0.797	0.278
C(4)-C(7)	1.869	H(2)-P(1)-C(6)-C(7)	-107.592	C(7)	0.563	-0.375	0.176
C(4)-H(5)	1.084	H(2)-P(1)-C(6)-H(11)	82.903	C(8)	1.833	-0.880	0.263
C(6)-C(7)	1.357	P(1)-C(3)-C(4)-H(5)	171.429	H(2)	-2.609	0.892	0.569
C(6)-H(11)	1.095	P(1)-C(6)-C(7)-C(8)	-158.100	H(5)	1.508	1.790	-0.700
C(7)-C(8)	1.370	H(11)-C(6)-C(7)-C(8)	11.671	H(11)	-0.958	-1.790	0.677
C(8)-H(9)	1.096	C(6)-C(7)-C(8)-H(9)	-132.371	H(9)	2.609	-0.381	0.857
C(8)-H(10)	1.097	C(6)-C(7)-C(8)-H(10)	59.677	H(10)	2.179	-1.680	-0.402



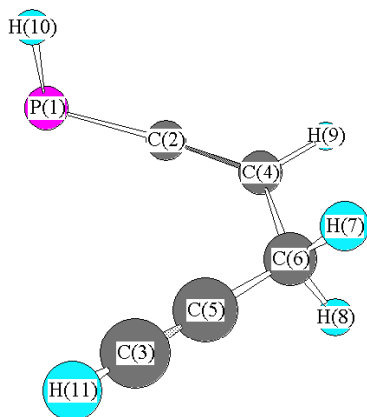
		C(6)-P(1)-C(3)-C(4)	12.687				
		H(2)-P(1)-C(3)-C(4)	113.815				
		C(3)-P(1)-C(6)-C(7)	-10.570				
		C(3)-P(1)-C(6)-H(11)	174.608				
		H(2)-P(1)-C(6)-C(7)	-111.254				
		H(2)-P(1)-C(6)-H(11)	73.926				
		P(1)-C(3)-C(4)-C(7)	-11.334				
		P(1)-C(3)-C(4)-H(5)	169.675				
		C(3)-C(4)-C(7)-C(6)	2.813				
P(1)-C(3)	1.835	C(3)-C(4)-C(7)-C(8)	-176.336	P(1)	-1.859	0.224	-0.774
P(1)-C(6)	1.833	H(5)-C(4)-C(7)-C(6)	-178.126	C(3)	-0.721	1.628	-0.459
P(1)-H(2)	1.443	H(5)-C(4)-C(7)-C(8)	2.705	C(4)	0.537	1.271	-0.150
C(3)-C(4)	1.344	P(1)-C(6)-C(7)-C(4)	6.809	C(6)	-0.575	-0.871	-0.057
C(4)-C(7)	1.498	P(1)-C(6)-C(7)-C(8)	-174.076	C(7)	0.664	-0.195	0.134
C(4)-H(5)	1.095	H(11)-C(6)-C(7)-C(4)	-178.325	C(8)	1.856	-0.786	0.549
C(6)-C(7)	1.424	H(11)-C(6)-C(7)-C(8)	0.775	H(2)	-2.772	0.357	0.335
C(6)-H(11)	1.092	C(4)-C(7)-C(8)-H(9)	-1.184	H(5)	1.401	1.940	-0.082
C(7)-C(8)	1.394	C(4)-C(7)-C(8)-H(10)	178.266	H(11)	-0.712	-1.940	0.120
C(8)-H(9)	1.092	C(6)-C(7)-C(8)-H(9)	180.000	H(9)	2.772	-0.203	0.671
C(8)-H(10)	1.093	C(6)-C(7)-C(8)-H(10)	-0.706	H(10)	1.908	-1.854	0.774



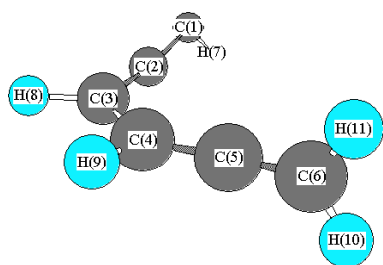
		H(7)-C(1)-C(2)-P(3)	171.067	C(1)	0.295	1.854	-1.178
C(1)-C(2)	1.224	C(1)-C(2)-P(3)-C(4)	123.175	C(2)	-0.565	1.234	-0.567
C(1)-H(7)	1.073	C(1)-C(2)-P(3)-H(8)	-137.534	P(3)	-1.919	0.283	0.086
C(2)-P(3)	1.779	C(2)-P(3)-C(4)-C(5)	-15.752	C(4)	-1.058	-1.065	1.055
P(3)-C(4)	1.870	C(2)-P(3)-C(4)-H(9)	170.751	C(5)	0.209	-1.402	0.961
P(3)-H(8)	1.440	H(8)-P(3)-C(4)-C(5)	-115.609	C(6)	1.480	-1.728	0.852
C(4)-C(5)	1.315	H(8)-P(3)-C(4)-H(9)	70.891	H(7)	1.069	2.416	-1.666
C(4)-H(9)	1.099	P(3)-C(4)-C(5)-C(6)	-5.941	H(8)	-2.237	1.134	1.204
C(5)-C(6)	1.316	H(9)-C(4)-C(5)-C(6)	166.474	H(9)	-1.751	-1.660	1.666
C(6)-H(10)	1.096	C(4)-C(5)-C(6)-H(10)	-76.229	H(10)	1.834	-2.416	0.077
C(6)-H(11)	1.096	C(4)-C(5)-C(6)-H(11)	103.831	H(11)	2.237	-1.324	1.534



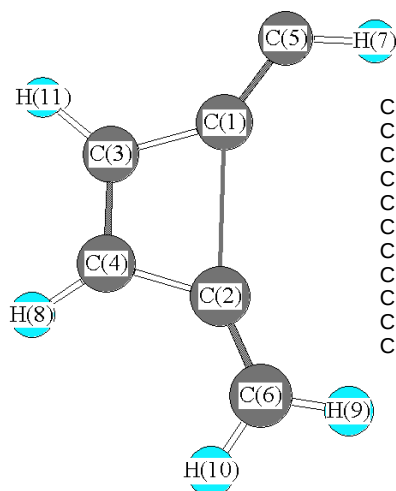
P(1)-C(2)	1.729			P(1)	-1.732	0.520	-0.458
P(1)-H(10)	1.444			C(2)	-0.162	0.804	-1.124
P(1)-C(3)	2.084			C(4)	1.029	0.355	-1.044
C(2)-C(4)	1.276			H(10)	-1.844	1.704	0.361
C(4)-H(9)	1.086			H(9)	1.972	0.370	-1.581
C(4)-C(6)	1.964			C(3)	-1.129	-0.795	1.042
C(3)-C(5)	1.286	H(10)-P(1)-C(2)-C(4)	109.092	C(5)	0.126	-1.073	1.062
C(3)-H(11)	1.088	P(1)-C(2)-C(4)-H(9)	162.860	C(6)	1.357	-0.864	0.462
C(5)-C(6)	1.386	H(11)-C(3)-C(5)-C(6)	176.635	H(11)	-1.985	-1.128	1.626
C(6)-H(7)	1.100	C(3)-C(5)-C(6)-H(7)	112.612	H(7)	2.115	-0.313	1.037
C(6)-H(8)	1.100	C(3)-C(5)-C(6)-H(8)	-109.405	H(8)	1.790	-1.707	-0.097



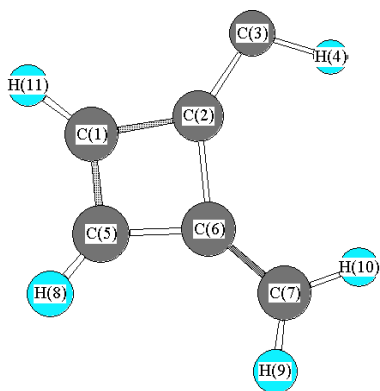
		H(10)-P(1)-C(2)-C(4)	175.054				
		P(1)-C(2)-C(4)-C(6)	-85.611				
		P(1)-C(2)-C(4)-H(9)	95.548	P(1)	-1.835	1.361	-1.679
P(1)-C(2)	1.660	H(11)-C(3)-C(5)-C(6)	0.000	C(2)	-0.286	0.956	-1.240
P(1)-H(10)	1.450	C(2)-C(4)-C(6)-C(5)	1.226	C(3)	-0.691	-1.821	1.254
C(2)-C(4)	1.320	C(2)-C(4)-C(6)-H(7)	-122.325	C(4)	0.935	0.524	-0.993
C(3)-C(5)	1.217	C(2)-C(4)-C(6)-H(8)	124.619	C(5)	0.221	-1.262	0.672
C(3)-H(11)	1.072	H(9)-C(4)-C(6)-C(5)	-179.000	C(6)	1.330	-0.599	-0.021
C(4)-C(6)	1.537	H(9)-C(4)-C(6)-H(7)	56.565	H(10)	-2.030	2.404	-0.692
C(4)-H(9)	1.100	H(9)-C(4)-C(6)-H(8)	-56.493	H(11)	-1.499	-2.310	1.761
C(5)-C(6)	1.466	C(3)-C(5)-C(6)-C(4)	180.000	H(9)	1.786	1.002	-1.501
C(6)-H(7)	1.109	C(3)-C(5)-C(6)-H(7)	-60.906	H(7)	2.038	-0.177	0.720
C(6)-H(8)	1.109	C(3)-C(5)-C(6)-H(8)	53.715	H(8)	1.919	-1.348	-0.589



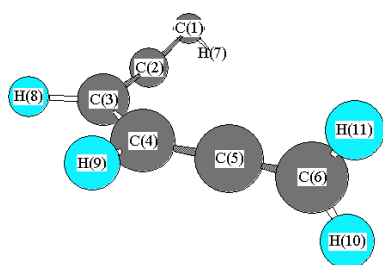
		H(7)-C(1)-C(2)-C(3)	-168.742	C(1)	-0.046	1.567	-1.790
C(1)-C(2)	1.268	C(1)-C(2)-C(3)-C(4)	-104.116	C(2)	-0.632	0.985	-0.828
C(1)-H(7)	1.093	C(1)-C(2)-C(3)-H(8)	79.082	C(3)	-1.302	0.523	0.291
C(2)-C(3)	1.384	C(2)-C(3)-C(4)-C(5)	2.282	C(4)	-0.718	-0.090	1.464
C(3)-C(4)	1.447	C(2)-C(3)-C(4)-H(9)	-177.901	C(5)	0.553	-0.346	1.830
C(3)-H(8)	1.100	H(8)-C(3)-C(4)-C(5)	179.163	C(6)	1.774	-0.626	2.241
C(4)-C(5)	1.347	H(8)-C(3)-C(4)-H(9)	-1.049	H(7)	0.305	1.202	-2.759
C(4)-H(9)	1.106	C(3)-C(4)-C(5)-C(6)	-176.533	H(8)	-2.401	0.570	0.296
C(5)-C(6)	1.319	H(9)-C(4)-C(5)-C(6)	3.424	H(9)	-1.468	-0.410	2.212
C(6)-H(10)	1.110	C(4)-C(5)-C(6)-H(10)	87.530	H(10)	2.297	-1.578	2.011
C(6)-H(11)	1.110	C(4)-C(5)-C(6)-H(11)	-94.462	H(11)	2.401	0.078	2.827



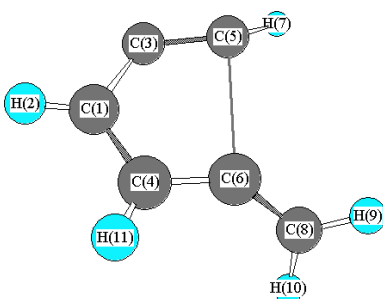
C(1)-C(2)	2.158	C(5)-C(1)-C(3)-C(4)	180.000	C(1)	0.252	1.630	-0.180
C(1)-C(3)	1.455	C(5)-C(1)-C(3)-H(11)	0.000	C(2)	0.197	-0.511	0.077
C(1)-C(5)	1.299	C(3)-C(1)-C(5)-H(7)	180.000	C(3)	-1.151	1.244	-0.206
C(2)-C(4)	1.459	C(6)-C(2)-C(4)-C(3)	180.000	C(4)	-1.202	-0.115	-0.045
C(2)-C(6)	1.352	C(6)-C(2)-C(4)-H(8)	0.000	C(5)	1.019	2.676	-0.266
C(3)-C(4)	1.369	C(4)-C(2)-C(6)-H(9)	-179.000	C(6)	0.709	-1.749	0.254
C(3)-H(11)	1.103	C(4)-C(2)-C(6)-H(10)	0.316	H(11)	-1.988	1.951	-0.335
C(4)-H(8)	1.107	C(1)-C(3)-C(4)-C(2)	0.000	H(8)	-2.117	-0.738	-0.018
C(5)-H(7)	1.100	C(1)-C(3)-C(4)-H(8)	-179.000	H(7)	2.117	2.641	-0.204
C(6)-H(9)	1.103	H(11)-C(3)-C(4)-C(2)	-179.000	H(9)	1.793	-1.933	0.334
C(6)-H(10)	1.115	H(11)-C(3)-C(4)-H(8)	0.000	H(10)	0.094	-2.676	0.335



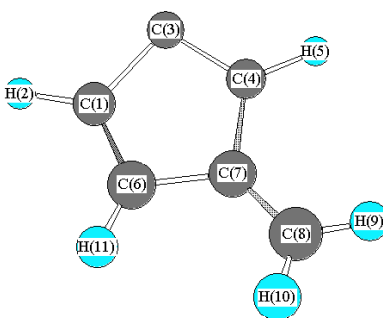
		C(5)-C(1)-C(2)-C(3)	-179.000				
		C(5)-C(1)-C(2)-C(6)	0.000				
		H(11)-C(1)-C(2)-C(3)	0.000				
		H(11)-C(1)-C(2)-C(6)	180.000				
		C(2)-C(1)-C(5)-C(6)	0.000				
		C(2)-C(1)-C(5)-H(8)	-179.000				
		H(11)-C(1)-C(5)-C(6)	-179.000				
		H(11)-C(1)-C(5)-H(8)	0.000				
		C(1)-C(2)-C(3)-H(4)	-179.000				
		C(6)-C(2)-C(3)-H(4)	0.000				
		C(1)-C(2)-C(6)-C(5)	0.000				
C(1)-C(2)	1.496	C(1)-C(2)-C(6)-C(7)	-179.000	C(1)	-1.391	0.934	0.072
C(1)-C(5)	1.383	C(3)-C(2)-C(6)-C(5)	180.000	C(2)	0.066	1.192	-0.150
C(1)-H(11)	1.102	C(3)-C(2)-C(6)-C(7)	0.000	C(3)	0.797	2.307	-0.428
C(2)-C(3)	1.362	C(1)-C(5)-C(6)-C(2)	0.000	C(5)	-1.259	-0.426	0.286
C(2)-C(6)	1.579	C(1)-C(5)-C(6)-C(7)	180.000	C(6)	0.214	-0.361	0.094
C(3)-H(4)	1.135	H(8)-C(5)-C(6)-C(2)	180.000	C(7)	1.242	-1.233	0.116
C(5)-C(6)	1.487	H(8)-C(5)-C(6)-C(7)	-0.316	H(11)	-2.266	1.604	0.067
C(5)-H(8)	1.096	C(2)-C(6)-C(7)-H(9)	180.000	H(4)	1.884	1.993	-0.509
C(6)-C(7)	1.349	C(2)-C(6)-C(7)-H(10)	-0.316	H(8)	-1.959	-1.239	0.509
C(7)-H(9)	1.099	C(5)-C(6)-C(7)-H(9)	0.316	H(9)	1.118	-2.307	0.313
C(7)-H(10)	1.098	C(5)-C(6)-C(7)-H(10)	-179.000	H(10)	2.266	-0.881	-0.069



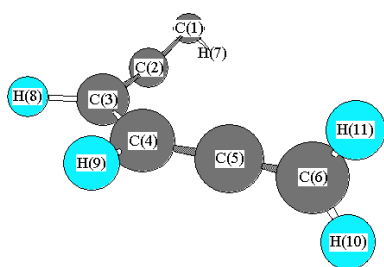
C(1)-C(2)	1.268	H(7)-C(1)-C(2)-C(3)	-168.742	C(1)	-0.046	1.567	-1.790
C(1)-H(7)	1.093	C(1)-C(2)-C(3)-C(4)	-104.116	C(2)	-0.632	0.985	-0.828
C(2)-C(3)	1.384	C(1)-C(2)-C(3)-H(8)	79.082	C(3)	-1.302	0.523	0.291
C(3)-C(4)	1.447	C(2)-C(3)-C(4)-C(5)	2.282	C(4)	-0.718	-0.090	1.464
C(3)-H(8)	1.100	C(2)-C(3)-C(4)-H(9)	-177.901	C(5)	0.553	-0.346	1.830
C(4)-C(5)	1.347	H(8)-C(3)-C(4)-C(5)	179.163	C(6)	1.774	-0.626	2.241
C(4)-H(9)	1.106	H(8)-C(3)-C(4)-H(9)	-1.049	H(7)	0.305	1.202	-2.759
C(5)-C(6)	1.319	C(3)-C(4)-C(5)-C(6)	-176.533	H(8)	-2.401	0.570	0.296
C(6)-H(10)	1.110	H(9)-C(4)-C(5)-C(6)	3.424	H(9)	-1.468	-0.410	2.212
C(6)-H(11)	1.110	C(4)-C(5)-C(6)-H(10)	87.530	H(10)	2.297	-1.578	2.011
		C(4)-C(5)-C(6)-H(11)	-94.462	H(11)	2.401	0.078	2.827



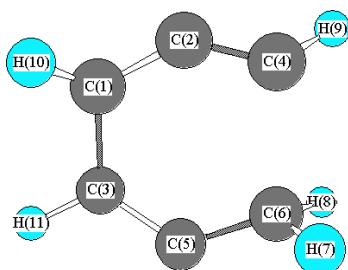
C(1)-C(3)	1.415	C(4)-C(1)-C(3)-C(5)	-17.213	C(1)	-1.582	0.722	0.239
C(1)-C(4)	1.414	H(2)-C(1)-C(3)-C(5)	158.300	C(3)	-0.818	1.737	-0.386
C(1)-H(2)	1.099	C(3)-C(1)-C(4)-C(6)	7.284	C(4)	-0.803	-0.408	0.577
C(3)-C(5)	1.297	C(3)-C(1)-C(4)-H(11)	176.741	C(5)	0.476	1.831	-0.363
C(4)-C(6)	1.407	H(2)-C(1)-C(4)-C(6)	-168.368	C(6)	0.594	-0.356	0.421
C(4)-H(11)	1.105	H(2)-C(1)-C(4)-H(11)	1.049	C(8)	1.575	-1.147	-0.055
C(5)-C(6)	2.327	C(1)-C(3)-C(5)-H(7)	134.619	H(2)	-2.643	0.809	0.511
C(5)-H(7)	1.094	C(1)-C(4)-C(6)-C(8)	-136.121	H(11)	-1.254	-1.259	1.120
C(6)-C(8)	1.347	H(11)-C(4)-C(6)-C(8)	54.292	H(7)	1.239	2.035	-1.120
C(8)-H(9)	1.104	C(4)-C(6)-C(8)-H(9)	-168.298	H(9)	2.643	-0.924	0.116
C(8)-H(10)	1.111	C(4)-C(6)-C(8)-H(10)	15.791	H(10)	1.412	-2.035	-0.703



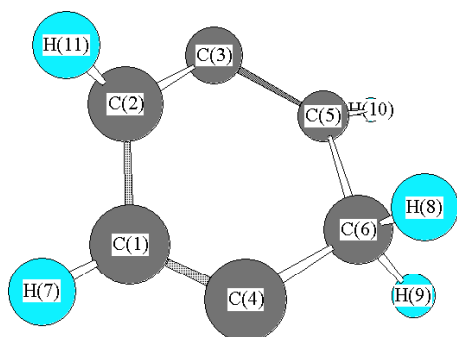
		C(6)-C(1)-C(3)-C(4)	8.618				
		H(2)-C(1)-C(3)-C(4)	-172.358				
		C(3)-C(1)-C(6)-C(7)	-5.629				
		C(3)-C(1)-C(6)-H(11)	176.033				
		H(2)-C(1)-C(6)-C(7)	175.335				
		H(2)-C(1)-C(6)-H(11)	-3.004				
		C(1)-C(3)-C(4)-C(7)	-8.089				
		C(1)-C(3)-C(4)-H(5)	-175.996				
		C(3)-C(4)-C(7)-C(6)	5.373				
		C(3)-C(4)-C(7)-C(8)	-167.446	C(1)	-1.469	0.877	-0.516
		H(5)-C(4)-C(7)-C(6)	174.145	C(3)	-0.432	1.961	-0.809
		H(5)-C(4)-C(7)-C(8)	1.343	C(4)	0.748	1.237	-0.693
		C(1)-C(6)-C(7)-C(4)	0.448	C(6)	-0.928	-0.303	-0.074
		C(1)-C(6)-C(7)-C(8)	173.580	C(7)	0.549	-0.144	-0.169
		H(11)-C(6)-C(7)-C(4)	178.902	C(8)	1.479	-1.034	0.286
		H(11)-C(6)-C(7)-C(8)	-7.965	H(2)	-2.556	1.035	-0.633
		C(4)-C(7)-C(8)-H(9)	-9.222	H(5)	1.770	1.648	-0.767
		C(4)-C(7)-C(8)-H(10)	169.181	H(11)	-1.426	-1.223	0.265
		C(6)-C(7)-C(8)-H(9)	179.292	H(9)	2.556	-0.850	0.169
		C(6)-C(7)-C(8)-H(10)	-2.238	H(10)	1.206	-1.961	0.809
C(1)-C(3)	1.528						
C(1)-C(6)	1.371						
C(1)-H(2)	1.104						
C(3)-C(4)	1.389						
C(4)-C(7)	1.490						
C(4)-H(5)	1.104						
C(6)-C(7)	1.489						
C(6)-H(11)	1.099						
C(7)-C(8)	1.365						
C(8)-H(9)	1.098						
C(8)-H(10)	1.099						



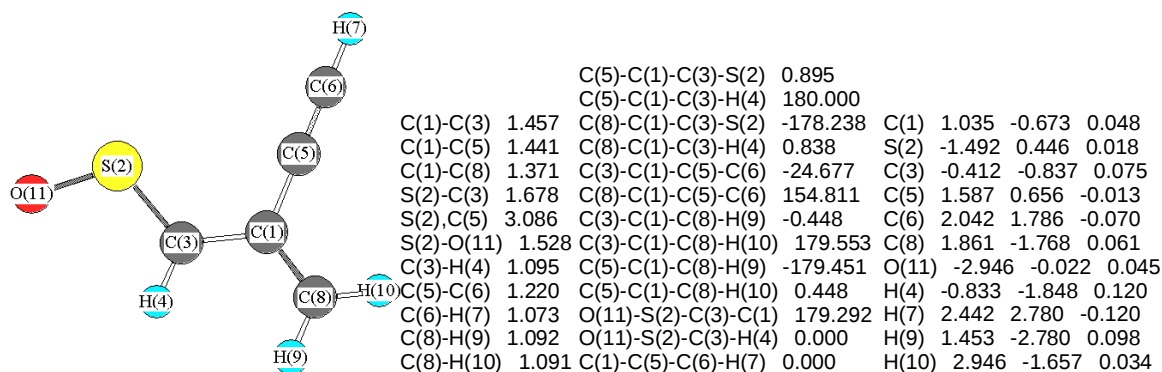
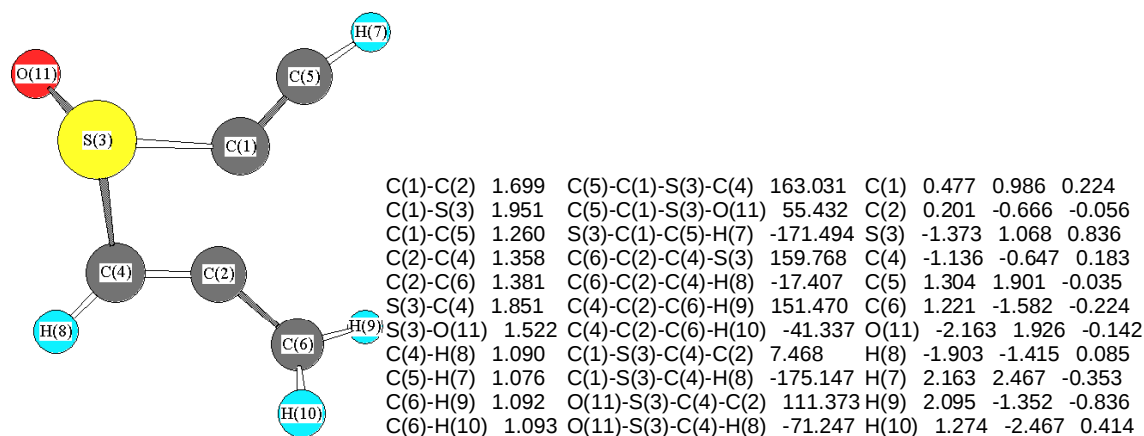
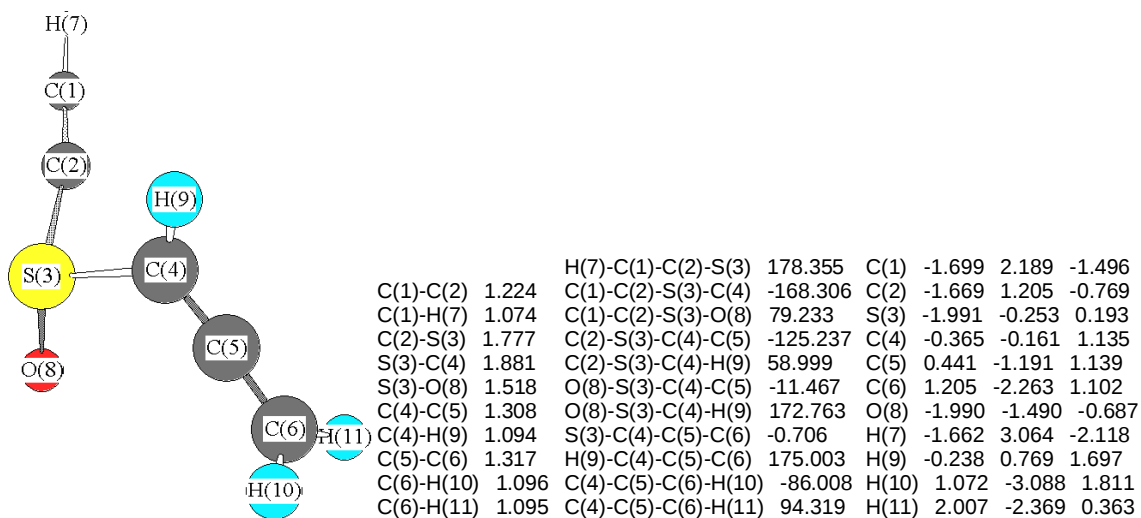
		H(7)-C(1)-C(2)-C(3)	-168.742	C(1)	-0.046	1.567	-1.790
C(1)-C(2)	1.268	C(1)-C(2)-C(3)-C(4)	-104.116	C(2)	-0.632	0.985	-0.828
C(1)-H(7)	1.093	C(1)-C(2)-C(3)-H(8)	79.082	C(3)	-1.302	0.523	0.291
C(2)-C(3)	1.384	C(2)-C(3)-C(4)-C(5)	2.282	C(4)	-0.718	-0.090	1.464
C(3)-C(4)	1.447	C(2)-C(3)-C(4)-H(9)	-177.901	C(5)	0.553	-0.346	1.830
C(3)-H(8)	1.100	H(8)-C(3)-C(4)-C(5)	179.163	C(6)	1.774	-0.626	2.241
C(4)-C(5)	1.347	H(8)-C(3)-C(4)-H(9)	-1.049	H(7)	0.305	1.202	-2.759
C(4)-H(9)	1.106	C(3)-C(4)-C(5)-C(6)	-176.533	H(8)	-2.401	0.570	0.296
C(5)-C(6)	1.319	H(9)-C(4)-C(5)-C(6)	3.424	H(9)	-1.468	-0.410	2.212
C(6)-H(10)	1.110	C(4)-C(5)-C(6)-H(10)	87.530	H(10)	2.297	-1.578	2.011
C(6)-H(11)	1.110	C(4)-C(5)-C(6)-H(11)	-94.462	H(11)	2.401	0.078	2.827

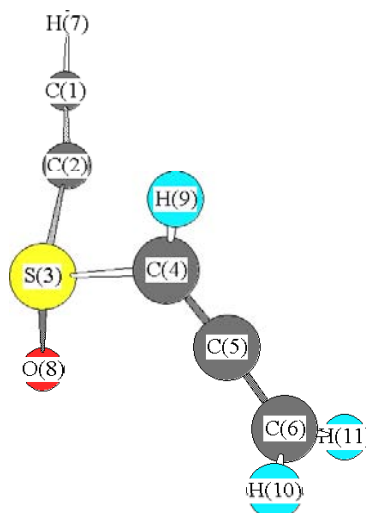


		C(3)-C(1)-C(2)-C(4)	-15.697	C(1)	-1.163	0.753	0.206
C(1)-C(2)	1.363	H(10)-C(1)-C(2)-C(4)	143.976	C(2)	0.037	1.392	0.305
C(1)-C(3)	1.507	C(2)-C(1)-C(3)-C(5)	25.530	C(3)	-1.121	-0.682	-0.252
C(1)-H(10)	1.104	C(2)-C(1)-C(3)-H(11)	-165.783	C(4)	1.315	1.100	0.348
C(2)-C(4)	1.312	H(10)-C(1)-C(3)-C(5)	-135.376	C(5)	-0.005	-1.424	-0.051
C(3)-C(5)	1.355	H(10)-C(1)-C(3)-H(11)	33.311	C(6)	1.320	-1.010	0.141
C(3)-H(11)	1.105	C(1)-C(2)-C(4)-H(9)	128.375	H(10)	-2.074	1.092	0.729
C(4)-H(9)	1.104	C(1)-C(3)-C(5)-C(6)	-23.044	H(11)	-2.078	-1.136	-0.568
C(5)-C(6)	1.402	H(11)-C(3)-C(5)-C(6)	168.861	H(9)	2.086	1.553	-0.299
C(6)-H(7)	1.107	C(3)-C(5)-C(6)-H(7)	135.967	H(7)	1.919	-1.495	0.936
C(6)-H(8)	1.103	C(3)-C(5)-C(6)-H(8)	-87.010	H(8)	1.936	-0.847	-0.759

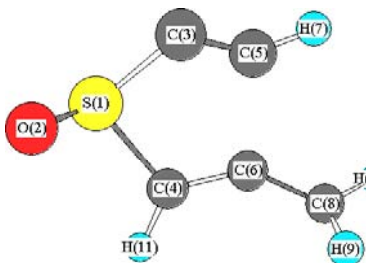


		C(4)-C(1)-C(2)-C(3)	36.639				
		C(4)-C(1)-C(2)-H(11)	-129.494				
		H(7)-C(1)-C(2)-C(3)	-156.677				
		H(7)-C(1)-C(2)-H(11)	37.188				
		C(2)-C(1)-C(4)-C(6)	-18.080				
		H(7)-C(1)-C(4)-C(6)	175.801				
		C(1)-C(2)-C(3)-C(5)	-19.571				
		H(11)-C(2)-C(3)-C(5)	145.782				
C(1)-C(2)	1.511	C(2)-C(3)-C(5)-C(6)	-12.915	C(1)	-1.022	-0.693	0.601
C(1)-C(4)	1.362	C(2)-C(3)-C(5)-H(10)	147.571	C(2)	-1.066	0.789	0.315
C(1)-H(7)	1.105	C(1)-C(4)-C(6)-C(5)	-12.617	C(3)	-0.130	1.314	-0.536
C(2)-C(3)	1.369	C(1)-C(4)-C(6)-H(8)	116.683	C(4)	0.203	-1.282	0.693
C(2)-H(11)	1.108	C(1)-C(4)-C(6)-H(9)	-131.026	C(5)	1.030	0.664	-0.811
C(3)-C(5)	1.358	C(3)-C(5)-C(6)-C(4)	29.347	C(6)	1.406	-0.544	0.103
C(4)-C(6)	1.530	C(3)-C(5)-C(6)-H(8)	-96.522	H(7)	-1.947	-1.192	0.942
C(5)-C(6)	1.561	C(3)-C(5)-C(6)-H(9)	149.674	H(11)	-1.693	1.419	0.978
C(5)-H(10)	1.107	H(10)-C(5)-C(6)-C(4)	-132.297	H(10)	1.540	0.732	-1.792
C(6)-H(8)	1.117	H(10)-C(5)-C(6)-H(8)	101.833	H(8)	2.109	-0.302	0.936
C(6)-H(9)	1.112	H(10)-C(5)-C(6)-H(9)	-11.974	H(9)	1.987	-1.242	-0.539

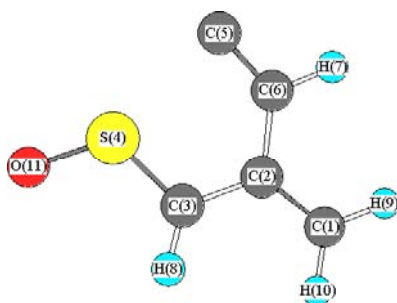




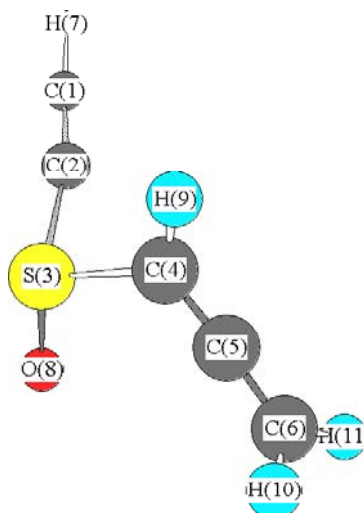
C(1)-C(2)	1.224	H(7)-C(1)-C(2)-S(3)	178.355	C(1)	-1.699	2.189	-1.496
C(1)-H(7)	1.074	C(1)-C(2)-S(3)-C(4)	-168.306	C(2)	-1.669	1.205	-0.769
C(2)-S(3)	1.777	C(1)-C(2)-S(3)-O(8)	79.233	S(3)	-1.991	-0.253	0.193
S(3)-C(4)	1.881	C(2)-S(3)-C(4)-C(5)	-125.237	C(4)	-0.365	-0.161	1.135
S(3)-O(8)	1.518	C(2)-S(3)-C(4)-H(9)	58.999	C(5)	0.441	-1.191	1.139
C(4)-C(5)	1.308	O(8)-S(3)-C(4)-C(5)	-11.467	C(6)	1.205	-2.263	1.102
C(4)-H(9)	1.094	O(8)-S(3)-C(4)-H(9)	172.763	O(8)	-1.990	-1.490	-0.687
C(5)-C(6)	1.317	S(3)-C(4)-C(5)-C(6)	-0.706	H(7)	-1.662	3.064	-2.118
C(6)-H(10)	1.096	H(9)-C(4)-C(5)-C(6)	175.003	H(9)	-0.238	0.769	1.697
C(6)-H(11)	1.095	C(4)-C(5)-C(6)-H(10)	-86.008	H(10)	1.072	-3.088	1.811
		C(4)-C(5)-C(6)-H(11)	94.319	H(11)	2.007	-2.369	0.363



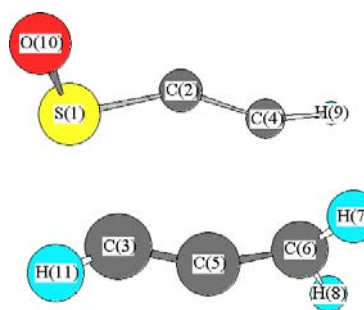
S(1)-O(2)	1.521	O(2)-S(1)-C(3)-C(5)	137.588	S(1)	-1.724	0.579	0.063
S(1)-C(3)	1.856	C(4)-S(1)-C(3)-C(5)	22.156	O(2)	-2.753	0.180	1.109
S(1)-C(4)	1.846	O(2)-S(1)-C(4)-C(6)	-133.846	C(3)	-0.339	1.693	0.599
C(3)-C(5)	1.285	O(2)-S(1)-C(4)-H(11)	53.865	C(4)	-0.553	-0.802	-0.293
C(4)-C(6)	1.340	C(3)-S(1)-C(4)-C(6)	-13.121	C(5)	0.827	1.388	0.153
C(4)-H(11)	1.093	C(3)-S(1)-C(4)-H(11)	174.589	C(6)	0.753	-0.507	-0.338
C(5)-C(6)	1.959	S(1)-C(3)-C(5)-H(7)	163.146	C(8)	1.997	-1.046	-0.424
C(5)-H(7)	1.082	S(1)-C(4)-C(6)-C(8)	171.961	H(11)	-0.996	-1.760	-0.576
C(6)-C(8)	1.359	H(11)-C(4)-C(6)-C(8)	-16.501	H(7)	1.821	1.788	0.011
C(8)-H(9)	1.096	C(4)-C(6)-C(8)-H(9)	-56.339	H(9)	2.342	-1.788	0.305
C(8)-H(10)	1.095	C(4)-C(6)-C(8)-H(10)	133.943	H(10)	2.753	-0.649	-1.109



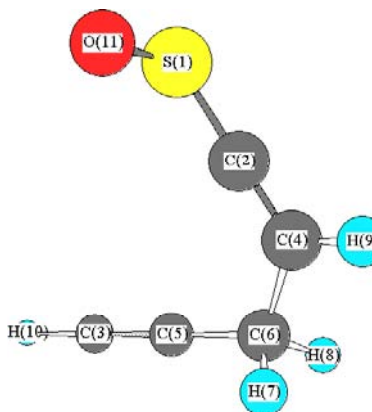
		H(9)-C(1)-C(2)-C(3)	-179.000				
		H(9)-C(1)-C(2)-C(6)	0.000				
		H(10)-C(1)-C(2)-C(3)	0.000				
C(1)-C(2)	1.367	H(10)-C(1)-C(2)-C(6)	-179.000	C(1)	2.008	-1.107	-0.254
C(1)-H(9)	1.093	C(1)-C(2)-C(3)-S(4)	-179.000	C(2)	0.945	-0.261	-0.100
C(1)-H(10)	1.092	C(1)-C(2)-C(3)-H(8)	0.000	C(3)	-0.408	-0.764	0.032
C(2)-C(3)	1.449	C(6)-C(2)-C(3)-S(4)	0.000	S(4)	-1.593	0.400	0.212
C(2)-C(6)	1.485	C(6)-C(2)-C(3)-H(8)	180.000	C(5)	0.217	2.191	0.077
C(3)-S(4)	1.671	C(1)-C(2)-C(6)-C(5)	180.000	C(6)	1.119	1.213	-0.061
C(3)-H(8)	1.092	C(1)-C(2)-C(6)-H(7)	0.000	O(11)	-3.027	-0.094	0.353
S(4),C(5)	2.550	C(3)-C(2)-C(6)-C(5)	0.000	H(9)	3.027	-0.726	-0.353
S(4)-O(11)	1.523	C(3)-C(2)-C(6)-H(7)	-179.000	H(10)	1.876	-2.191	-0.283
C(5)-C(6)	1.338	C(2)-C(3)-S(4)-O(11)	-179.000	H(8)	-0.648	-1.829	0.017
C(6)-H(7)	1.104	H(8)-C(3)-S(4)-O(11)	0.000	H(7)	2.143	1.613	-0.161



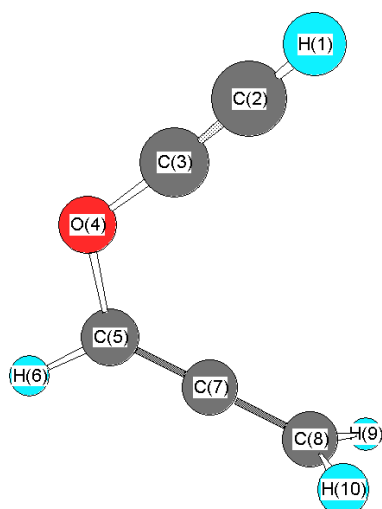
C(1)-C(2)	1.224	H(7)-C(1)-C(2)-S(3)	178.355	C(1)	-1.699	2.189	-1.496
C(1)-H(7)	1.074	C(1)-C(2)-S(3)-C(4)	-168.306	C(2)	-1.669	1.205	-0.769
C(2)-S(3)	1.777	C(1)-C(2)-S(3)-O(8)	79.233	S(3)	-1.991	-0.253	0.193
S(3)-C(4)	1.881	C(2)-S(3)-C(4)-C(5)	-125.237	C(4)	-0.365	-0.161	1.135
S(3)-O(8)	1.518	C(2)-S(3)-C(4)-H(9)	58.999	C(5)	0.441	-1.191	1.139
C(4)-C(5)	1.308	O(8)-S(3)-C(4)-C(5)	-11.467	C(6)	1.205	-2.263	1.102
C(4)-H(9)	1.094	O(8)-S(3)-C(4)-H(9)	172.763	O(8)	-1.990	-1.490	-0.687
C(5)-C(6)	1.317	S(3)-C(4)-C(5)-C(6)	-0.706	H(7)	-1.662	3.064	-2.118
C(6)-H(10)	1.096	H(9)-C(4)-C(5)-C(6)	175.003	H(9)	-0.238	0.769	1.697
C(6)-H(11)	1.095	C(4)-C(5)-C(6)-H(10)	-86.008	H(10)	1.072	-3.088	1.811
		C(4)-C(5)-C(6)-H(11)	94.319	H(11)	2.007	-2.369	0.363



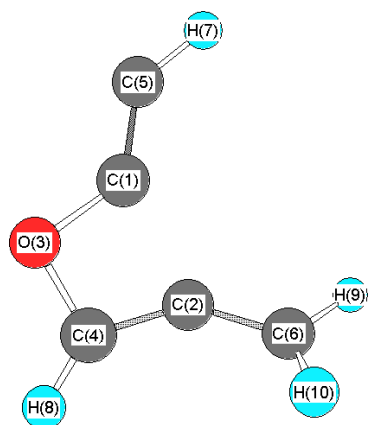
S(1)-C(2)	1.709			S(1)	-1.761	0.766	-0.030
S(1)-O(10)	1.523			C(2)	-0.224	1.094	-0.701
S(1),C(3)	2.208			C(4)	0.953	0.705	-0.911
C(2)-C(4)	1.257			O(10)	-2.168	1.735	1.072
C(4)-H(9)	1.081			H(9)	1.858	0.774	-1.498
C(4),C(6)	2.285			C(3)	-1.086	-1.080	0.976
C(3)-C(5)	1.272	O(10)-S(1)-C(2)-C(4)	117.896	C(5)	0.155	-1.328	0.840
C(3)-H(11)	1.083	S(1)-C(2)-C(4)-H(9)	157.270	C(6)	1.420	-1.118	0.385
C(5)-C(6)	1.361	H(11)-C(3)-C(5)-C(6)	-176.404	H(11)	-1.960	-1.450	1.498
C(6)-H(7)	1.096	C(3)-C(5)-C(6)-H(7)	100.764	H(7)	2.168	-0.664	1.044
C(6)-H(8)	1.096	C(3)-C(5)-C(6)-H(8)	-104.363	H(8)	1.820	-1.735	-0.428



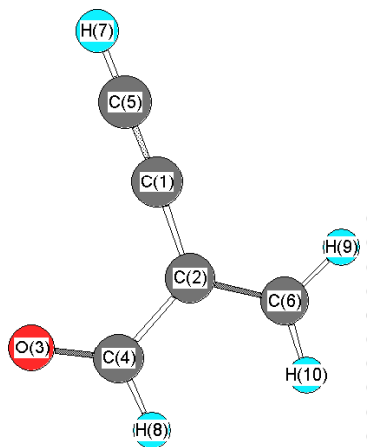
		O(11)-S(1)-C(2)-C(4)	156.091				
		S(1)-C(2)-C(4)-C(6)	-65.909				
		S(1)-C(2)-C(4)-H(9)	114.342	S(1)	-0.247	2.149	0.658
S(1)-C(2)	1.619	H(10)-C(3)-C(5)-C(6)	0.000	C(2)	0.616	0.788	0.801
S(1)-O(11)	1.529	C(2)-C(4)-C(6)-C(5)	2.390	C(3)	-1.385	-1.614	-1.231
C(2)-C(4)	1.320	C(2)-C(4)-C(6)-H(7)	-121.229	C(4)	1.342	-0.315	0.766
C(3)-C(5)	1.217	C(2)-C(4)-C(6)-H(8)	126.156	C(5)	-0.325	-1.622	-0.633
C(3)-H(10)	1.073	H(9)-C(4)-C(6)-C(5)	-177.853	C(6)	0.953	-1.634	0.082
C(4)-C(6)	1.536	H(9)-C(4)-C(6)-H(7)	58.530	O(11)	-1.281	2.424	1.750
C(4)-H(9)	1.101	H(9)-C(4)-C(6)-H(8)	-54.082	H(10)	-2.323	-1.604	-1.750
C(5)-C(6)	1.465	C(3)-C(5)-C(6)-C(4)	118.548	H(9)	2.323	-0.336	1.266
C(6)-H(7)	1.109	C(3)-C(5)-C(6)-H(7)	-121.047	H(7)	0.952	-2.424	0.861
C(6)-H(8)	1.109	C(3)-C(5)-C(6)-H(8)	-3.394	H(8)	1.778	-1.910	-0.606



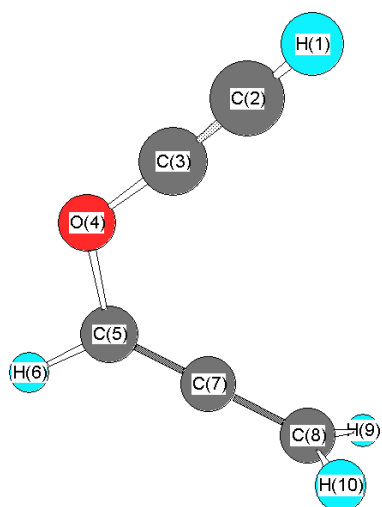
C(2)-C(3)	1.217			C(2)	0.602	1.965	0.965
C(3)-O(4)	1.321	H(1)-C(2)-C(3)-O(4)	0.000	C(3)	-0.273	1.227	0.551
O(4)-C(5)	1.427	C(2)-C(3)-O(4)-C(5)	180.000	O(4)	-1.289	0.501	0.119
C(5)-C(7)	1.315	C(3)-O(4)-C(5)-C(7)	0.000	C(5)	-1.025	-0.823	-0.344
C(5)-H(6)	1.090	C(3)-O(4)-C(5)-H(6)	180.000	C(7)	0.153	-1.404	-0.386
C(7)-C(8)	1.316	O(4)-C(5)-C(7)-C(8)	180.000	C(8)	1.319	-2.012	-0.440
C(8)-H(9)	1.098	H(6)-C(5)-C(7)-C(8)	0.000	H(1)	1.380	2.605	1.324
C(8)-H(10)	1.098	C(5)-C(7)-C(8)-H(9)	90.506	H(6)	-1.966	-1.274	-0.659
H(1)-C(2)	1.070	C(5)-C(7)-C(8)-H(10)	-89.895	H(9)	1.966	-1.949	-1.324
				H(10)	1.703	-2.605	0.400



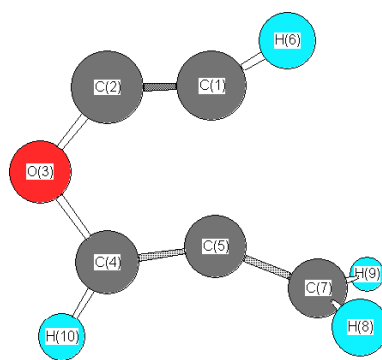
C(1),C(2)	1.813			C(1)	-0.891	0.500	-0.134
C(1)-O(3)	1.432			C(2)	-0.056	-1.107	-0.197
C(1)-C(5)	1.278	C(5)-C(1)-O(3)-C(4)	-178.950	O(3)	-2.027	-0.308	0.196
C(1),C(6)	2.914	O(3)-C(1)-C(5)-H(7)	172.031	C(4)	-1.340	-1.497	0.092
C(2)-C(4)	1.374	C(6)-C(2)-C(4)-O(3)	152.942	C(5)	-0.704	1.760	-0.235
C(2)-C(6)	1.355	C(6)-C(2)-C(4)-H(8)	-39.256	C(6)	1.241	-1.485	-0.080
O(3)-C(4)	1.377	C(4)-C(2)-C(6)-H(9)	166.025	H(8)	-1.910	-2.427	0.086
C(4)-H(8)	1.090	C(4)-C(2)-C(6)-H(10)	-20.084	H(7)	0.138	2.427	-0.376
C(5)-H(7)	1.083	C(1)-O(3)-C(4)-C(2)	2.261	H(9)	2.027	-0.983	-0.653
C(6)-H(9)	1.095	C(1)-O(3)-C(4)-H(8)	-168.280	H(10)	1.574	-2.230	0.653
C(6)-H(10)	1.096						



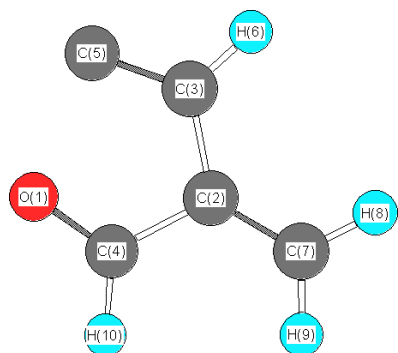
C(1)-C(2)	1.429	C(5)-C(1)-C(2)-C(4)	-6.520	C(1)	-0.196	0.600	0.109
C(1)-C(5)	1.220	C(5)-C(1)-C(2)-C(6)	173.746	C(2)	0.093	-0.798	0.034
C(2)-C(4)	1.507	C(2)-C(1)-C(5)-H(7)	0.000	O(3)	-2.234	-1.439	-0.225
C(2)-C(6)	1.361	C(1)-C(2)-C(4)-O(3)	0.316	C(4)	-1.056	-1.758	-0.138
O(3)-C(4)	1.223	C(1)-C(2)-C(4)-H(8)	-179.000	C(5)	-0.473	1.787	0.165
C(4)-H(8)	1.122	C(6)-C(2)-C(4)-O(3)	-179.451	C(6)	1.350	-1.316	0.104
C(5)-H(7)	1.073	C(6)-C(2)-C(4)-H(8)	0.448	H(8)	-0.729	-2.830	-0.181
C(6),H(8)	2.588	C(1)-C(2)-C(6)-H(9)	0.000	H(7)	-0.716	2.830	0.214
C(6)-H(9)	1.092	C(1)-C(2)-C(6)-H(10)	-179.000	H(9)	2.234	-0.687	0.225
C(6)-H(10)	1.094	C(4)-C(2)-C(6)-H(9)	180.000	H(10)	1.505	-2.397	0.040
		C(4)-C(2)-C(6)-H(10)	-0.316				



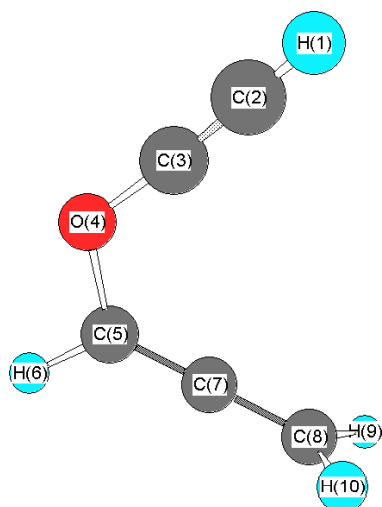
C(2)-C(3)	1.217			C(2)	0.602	1.965	0.965
C(3)-O(4)	1.321	H(1)-C(2)-C(3)-O(4)	0.000	C(3)	-0.273	1.227	0.551
O(4)-C(5)	1.427	C(2)-C(3)-O(4)-C(5)	180.000	O(4)	-1.289	0.501	0.119
C(5)-C(7)	1.315	C(3)-O(4)-C(5)-C(7)	0.000	C(5)	-1.025	-0.823	-0.344
C(5)-H(6)	1.090	C(3)-O(4)-C(5)-H(6)	180.000	C(7)	0.153	-1.404	-0.386
C(7)-C(8)	1.316	O(4)-C(5)-C(7)-C(8)	180.000	C(8)	1.319	-2.012	-0.440
C(8)-H(9)	1.098	H(6)-C(5)-C(7)-C(8)	0.000	H(1)	1.380	2.605	1.324
C(8)-H(10)	1.098	C(5)-C(7)-C(8)-H(9)	90.506	H(6)	-1.966	-1.274	-0.659
H(1)-C(2)	1.070	C(5)-C(7)-C(8)-H(10)	-89.895	H(9)	1.966	-1.949	-1.324
				H(10)	1.703	-2.605	0.400



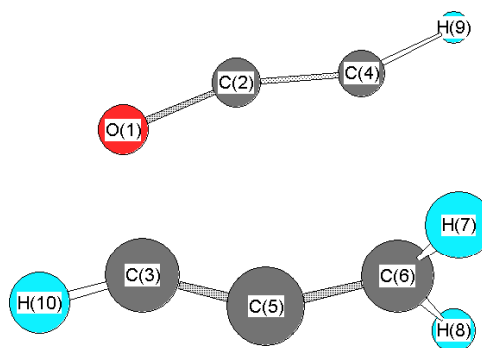
C(1)-C(2)	1.284			C(1)	0.100	1.263	0.657
C(1),C(4)	2.552	H(6)-C(1)-C(2)-O(3)	-173.627	C(2)	-1.175	1.238	0.806
C(1),C(5)	2.029	C(1)-C(2)-O(3)-C(4)	5.337	O(3)	-1.993	0.202	0.564
C(1),C(7)	2.860	C(2)-C(5)	2.435	C(4)	-1.178	-0.904	0.230
C(1)-H(6)	1.079	O(3)-C(4)	1.414	C(5)	0.145	-0.704	0.163
C(2)-O(3)	1.343	C(2)-O(3)-C(4)-C(5)	-2.936	C(7)	1.392	-1.211	0.033
C(2),C(5)	2.435	C(4)-C(5)	1.340	H(6)	1.016	1.815	0.796
O(3)-C(4)	1.414	C(4)-H(10)	1.089	H(10)	-1.735	-1.815	0.013
C(4)-C(5)	1.340	O(3)-C(4)-C(5)-C(7)	172.004	H(8)	1.909	-1.700	0.869
C(4)-H(10)	1.089	C(5)-C(7)	1.352	H(9)	1.993	-1.041	-0.869
C(5)-C(7)	1.352	H(10)-C(4)-C(5)-C(7)	-11.231				
C(7)-H(8)	1.098	C(4)-C(5)-C(7)-H(8)	-77.514				
C(7)-H(9)	1.097	C(4)-C(5)-C(7)-H(9)	110.752				



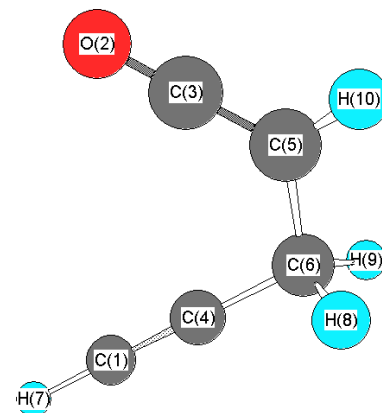
O(1),C(3)	2.482	C(4)-C(2)-C(3)-C(5)	0.000	O(1)	-2.122	-0.803	0.239
O(1)-C(4)	1.247	C(4)-C(2)-C(3)-H(6)	180.000	C(2)	0.055	-0.033	-0.011
O(1),C(5)	2.017	C(7)-C(2)-C(3)-C(5)	-179.000	C(3)	-0.701	1.217	-0.005
C(2)-C(3)	1.461	C(7)-C(2)-C(3)-H(6)	0.000	C(4)	-0.921	-1.123	0.140
C(2)-C(4)	1.471	C(3)-C(2)-C(4)-O(1)	0.000	C(5)	-2.053	1.209	0.125
C(2)-C(7)	1.363	C(3)-C(2)-C(4)-H(10)	180.000	C(7)	1.390	-0.282	-0.126
C(3)-C(5)	1.358	C(7)-C(2)-C(4)-O(1)	-179.000	H(6)	-0.204	2.188	-0.104
C(3)-H(6)	1.096	C(7)-C(2)-C(4)-H(10)	0.000	H(10)	-0.620	-2.188	0.168
C(4),C(5)	2.593	C(3)-C(2)-C(7)-H(8)	0.000	H(8)	2.122	0.521	-0.239
C(4)-H(10)	1.107	C(3)-C(2)-C(7)-H(9)	-179.684	H(9)	1.778	-1.304	-0.109
C(7)-H(8)	1.093	C(4)-C(2)-C(7)-H(8)	180.000				
C(7)-H(9)	1.093	C(4)-C(2)-C(7)-H(9)	0.000				



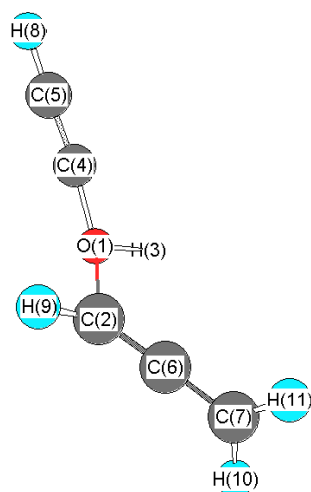
C(2)-C(3)	1.217			C(2)	0.602	1.965	0.965
C(3)-O(4)	1.321	H(1)-C(2)-C(3)-O(4)	0.000	C(3)	-0.273	1.227	0.551
O(4)-C(5)	1.427	C(2)-C(3)-O(4)-C(5)	180.000	O(4)	-1.289	0.501	0.119
C(5)-C(7)	1.315	C(3)-O(4)-C(5)-C(7)	0.000	C(5)	-1.025	-0.823	-0.344
C(5)-H(6)	1.090	C(3)-O(4)-C(5)-H(6)	180.000	C(7)	0.153	-1.404	-0.386
C(7)-C(8)	1.316	O(4)-C(5)-C(7)-C(8)	180.000	C(8)	1.319	-2.012	-0.440
C(8)-H(9)	1.098	H(6)-C(5)-C(7)-C(8)	0.000	H(1)	1.380	2.605	1.324
C(8)-H(10)	1.098	C(5)-C(7)-C(8)-H(9)	90.506	H(6)	-1.966	-1.274	-0.659
H(1)-C(2)	1.070	C(5)-C(7)-C(8)-H(10)	-89.895	H(9)	1.966	-1.949	-1.324
				H(10)	1.703	-2.605	0.400



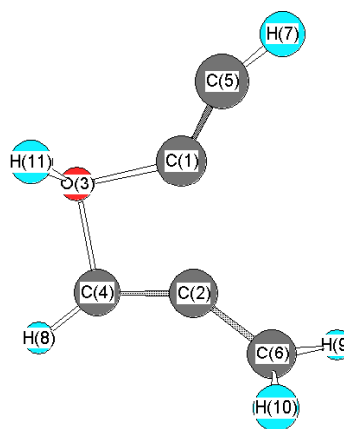
O(1)-C(2)	1.262	O(1)-C(2)-C(4)-H(9)	-179.000	O(1)	-1.195	0.718	-0.261
O(1),C(3)	1.765	H(10)-C(3)-C(5)-C(6)	-179.000	C(2)	-0.057	1.122	-0.630
O(1),C(5)	2.533	C(3)-C(5)-C(6)-H(7)	100.586	C(4)	1.187	1.123	-0.790
O(1),H(10)	2.262	C(3)-C(5)-C(6)-H(8)	-100.624	H(9)	2.116	1.536	-1.138
C(2)-C(4)	1.255			C(3)	-1.086	-0.827	0.585
C(2),C(3)	2.517			C(5)	0.118	-1.243	0.661
C(2),C(5)	2.700			C(6)	1.427	-1.027	0.373
C(2),C(6)	2.797			H(10)	-2.116	-1.034	0.832
C(4)-H(9)	1.074			H(7)	2.109	-0.640	1.138
C(4),C(6)	2.456			H(8)	1.902	-1.536	-0.473
C(3)-C(5)	1.276						
C(3)-H(10)	1.079						
C(5)-C(6)	1.358						
C(6)-H(7)	1.095						
C(6)-H(8)	1.095						



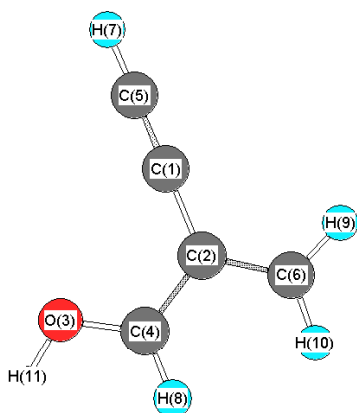
		H(7)-C(1)-C(4)-C(6)	0.000	C(1)	-1.050	-1.637	-0.767
		O(2)-C(3)-C(5)-C(6)	-157.159	O(2)	-1.208	2.082	0.840
C(1)-C(4)	1.217	O(2)-C(3)-C(5)-H(10)	23.523	C(3)	-0.169	1.514	0.789
C(1)-H(7)	1.072	C(1)-C(4)-C(6)-C(5)	10.002	C(4)	-0.024	-1.131	-0.352
O(2)-C(3)	1.185	C(1)-C(4)-C(6)-H(8)	122.955	C(5)	1.005	0.897	0.732
C(3),C(4)	2.884	C(1)-C(4)-C(6)-H(9)	-120.753	C(6)	1.208	-0.510	0.154
C(3)-C(5)	1.327	C(3)-C(5)-C(6)-C(4)	0.316	H(7)	-1.956	-2.082	-1.131
C(4)-C(6)	1.470	C(3)-C(5)-C(6)-H(8)	-122.173	H(10)	1.869	1.433	1.131
C(5)-C(6)	1.534	C(3)-C(5)-C(6)-H(9)	122.848	H(8)	1.655	-1.161	0.931
C(5)-H(10)	1.093	H(10)-C(5)-C(6)-C(4)	180.000	H(9)	1.956	-0.461	-0.663
C(6)-H(8)	1.108	H(10)-C(5)-C(6)-H(8)	57.443				
C(6)-H(9)	1.108	H(10)-C(5)-C(6)-H(9)	-57.534				



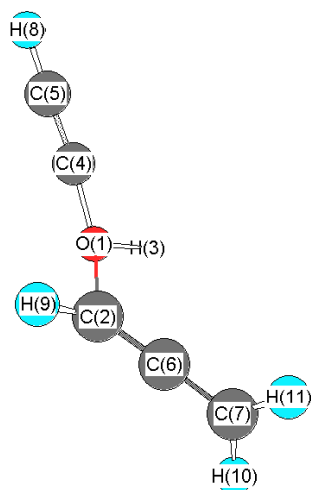
O(1)-C(4)	1.355		
O(1)-H(3)	0.995		
O(1)-C(2)	1.733		
O(1),C(6)	2.552	H(3)-O(1)-C(4)-C(5)	176.650
O(1),H(9)	2.210	C(2)-O(1)-C(4)-C(5)	-55.245
C(4)-C(5)	1.212	C(4)-O(1)-C(2)-C(6)	-132.930
C(5)-H(8)	1.076	C(4)-O(1)-C(2)-H(9)	48.955
C(2),C(4)	2.650	H(3)-O(1)-C(2)-C(6)	-3.289
C(2)-C(6)	1.281	H(3)-O(1)-C(2)-H(9)	178.621
C(2)-H(9)	1.084	O(1)-C(4)-C(5)-H(8)	-161.428
C(6)-C(7)	1.327	O(1)-C(2)-C(6)-C(7)	-175.075
C(7)-H(10)	1.097	H(9)-C(2)-C(6)-C(7)	-4.915
C(7)-H(11)	1.097	C(2)-C(6)-C(7)-H(10)	89.780
		C(2)-C(6)-C(7)-H(11)	-89.273
		O(1)	-1.002 0.132 -0.706
		C(4)	-1.327 1.412 -0.404
		C(5)	-1.736 2.505 -0.074
		H(3)	-0.164 0.069 -1.239
		H(8)	-2.057 3.502 0.172
		C(2)	-0.937 -1.010 0.596
		C(6)	0.105 -1.755 0.608
		C(7)	1.170 -2.546 0.652
		H(9)	-1.882 -0.811 1.089
		H(10)	1.191 -3.502 0.115
		H(11)	2.057 -2.275 1.239



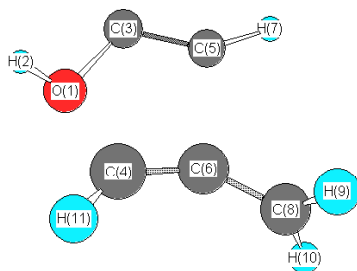
C(1),C(2)	1.833	C(5)-C(1)-O(3)-C(4)	-175.636	C(1)	-0.029 0.828 -0.002
C(1)-O(3)	1.499	C(5)-C(1)-O(3)-H(11)	-53.855	C(2)	0.134 -0.990 -0.176
C(1)-C(5)	1.256	O(3)-C(1)-C(5)-H(7)	179.292	O(3)	-1.465 0.506 -0.288
C(2)-C(4)	1.331	C(6)-C(2)-C(4)-O(3)	178.154	C(4)	-1.181 -0.983 -0.379
C(2)-C(6)	1.371	C(6)-C(2)-C(4)-H(8)	-18.052	C(5)	0.528 1.919 0.275
O(3)-C(4)	1.518	C(4)-C(2)-C(6)-H(9)	124.969	C(6)	1.216 -1.824 -0.057
O(3)-H(11)	1.004	C(4)-C(2)-C(6)-H(10)	-62.132	H(11)	-2.100 0.817 0.425
C(4)-H(8)	1.087	C(1)-O(3)-C(4)-C(2)	-1.306	H(8)	-1.992 -1.604 -0.751
C(5)-H(7)	1.080	C(1)-O(3)-C(4)-H(8)	-170.233	H(7)	1.360 2.561 0.524
C(6)-H(9)	1.095	H(11)-O(3)-C(4)-C(2)	-119.884	H(9)	2.100 -1.699 -0.692
C(6)-H(10)	1.096	H(11)-O(3)-C(4)-H(8)	71.195	H(10)	1.272 -2.561 0.751



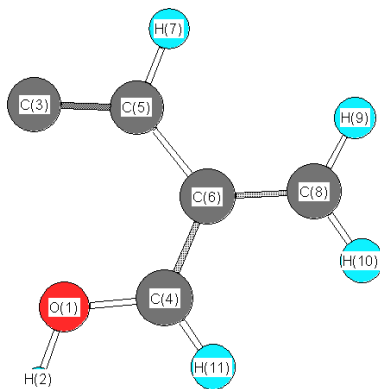
		C(5)-C(1)-C(2)-C(4)	-10.206		
		C(5)-C(1)-C(2)-C(6)	180.000		
C(1)-C(2)	1.425	C(2)-C(1)-C(5)-H(7)	0.000	C(1)	-0.272 0.681 -0.085
C(1)-C(5)	1.219	C(1)-C(2)-C(4)-O(3)	0.000	C(2)	0.276 -0.633 -0.047
C(2)-C(4)	1.437	C(1)-C(2)-C(4)-H(8)	180.000	O(3)	-1.875 -1.613 0.107
C(2)-C(6)	1.386	C(6)-C(2)-C(4)-O(3)	-179.000	C(4)	-0.586 -1.778 0.053
O(3)-C(4)	1.301	C(6)-C(2)-C(4)-H(8)	0.000	C(5)	-0.748 1.803 -0.117
O(3)-H(11)	0.991	C(1)-C(2)-C(6)-H(9)	0.000	C(6)	1.630 -0.925 -0.098
C(4)-H(8)	1.098	C(1)-C(2)-C(6)-H(10)	180.000	H(11)	-2.374 -2.466 0.173
C(4),H(10)	2.591	C(4)-C(2)-C(6)-H(9)	-179.000	H(8)	-0.173 -2.796 0.082
C(5)-H(7)	1.076	C(4)-C(2)-C(6)-H(10)	0.000	H(7)	-1.163 2.796 -0.146
C(6)-H(9)	1.093	H(11)-O(3)-C(4)-C(2)	179.684	H(9)	2.374 -0.129 -0.173
C(6)-H(10)	1.094	H(11)-O(3)-C(4)-H(8)	0.000	H(10)	1.996 -1.955 -0.065



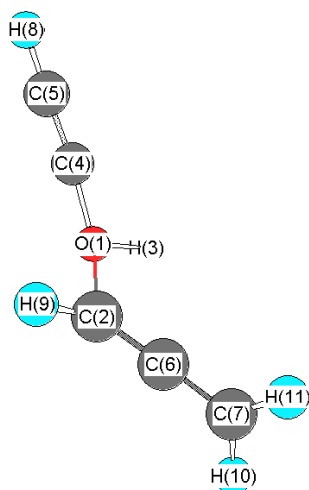
O(1)-C(4)	1.355		
O(1)-H(3)	0.995		
O(1)-C(2)	1.733		
O(1),C(6)	2.552	H(3)-O(1)-C(4)-C(5)	176.650
O(1),H(9)	2.210	C(2)-O(1)-C(4)-C(5)	-55.245
C(4)-C(5)	1.212	C(4)-O(1)-C(2)-C(6)	-132.930
C(5)-H(8)	1.076	C(4)-O(1)-C(2)-H(9)	48.955
C(2),C(4)	2.650	H(3)-O(1)-C(2)-C(6)	-3.289
C(2)-C(6)	1.281	H(3)-O(1)-C(2)-H(9)	178.621
C(2)-H(9)	1.084	O(1)-C(4)-C(5)-H(8)	-161.428
C(6)-C(7)	1.327	O(1)-C(2)-C(6)-C(7)	-175.075
C(7)-H(10)	1.097	H(9)-C(2)-C(6)-C(7)	-4.915
C(7)-H(11)	1.097	C(2)-C(6)-C(7)-H(10)	89.780
		C(2)-C(6)-C(7)-H(11)	-89.273
		O(1)	-1.002 0.132 -0.706
		C(4)	-1.327 1.412 -0.404
		C(5)	-1.736 2.505 -0.074
		H(3)	-0.164 0.069 -1.239
		H(8)	-2.057 3.502 0.172
		C(2)	-0.937 -1.010 0.596
		C(6)	0.105 -1.755 0.608
		C(7)	1.170 -2.546 0.652
		H(9)	-1.882 -0.811 1.089
		H(10)	1.191 -3.502 0.115
		H(11)	2.057 -2.275 1.239



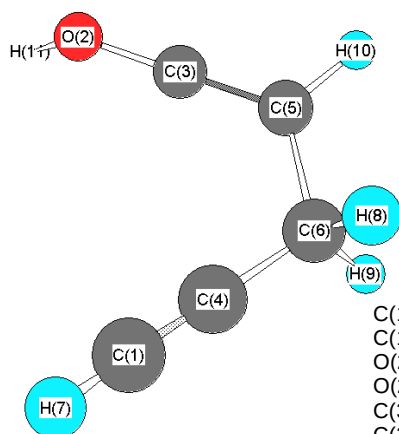
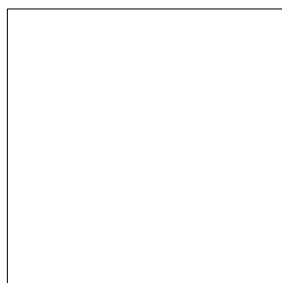
O(1)-C(3)	1.408		
O(1)-H(2)	0.995		
O(1)-C(4)	1.552		
O(1),C(6)	2.366		
O(1),H(11)	2.204		
C(3)-C(5)	1.278		
C(3),C(4)	2.446	H(2)-O(1)-C(3)-C(5)	139.582
C(3),C(6)	2.542	C(4)-O(1)-C(3)-C(5)	6.989
C(5)-H(7)	1.082	C(3)-O(1)-C(4)-C(6)	-6.681
C(5),C(6)	2.060	C(3)-O(1)-C(4)-H(11)	178.325
C(5),C(8)	2.850	H(2)-O(1)-C(4)-C(6)	-138.518
C(4),C(5)	2.641	H(2)-O(1)-C(4)-H(11)	46.478
C(4)-C(6)	1.314	O(1)-C(3)-C(5)-H(7)	171.886
C(4)-H(11)	1.087	O(1)-C(4)-C(6)-C(8)	-173.650
C(6)-C(8)	1.354	H(11)-C(4)-C(6)-C(8)	-0.316
C(8)-H(9)	1.097	C(4)-C(6)-C(8)-H(9)	-98.021
C(8)-H(10)	1.097	C(4)-C(6)-C(8)-H(10)	87.820
		O(1)	-1.687 0.774 0.054
		C(3)	-0.825 1.683 -0.588
		C(5)	0.413 1.400 -0.732
		H(2)	-2.344 1.204 0.664
		H(7)	1.354 1.686 -1.183
		C(4)	-0.900 -0.420 0.659
		C(6)	0.366 -0.376 0.309
		C(8)	1.577 -0.981 0.313
		H(11)	-1.552 -1.115 1.183
		H(9)	2.344 -0.716 1.051
		H(10)	1.862 -1.686 -0.479



O(1),C(3)	2.661	H(2)-O(1)-C(4)-C(6)	-179.000		
O(1)-C(4)	1.302	H(2)-O(1)-C(4)-H(11)	0.000		
O(1),C(5)	2.751	O(1)-C(4)-C(6)-C(5)	0.000		
O(1)-H(2)	0.991	O(1)-C(4)-C(6)-C(8)	180.000	O(1)	-1.726 -1.335 0.104
C(3)-C(5)	1.332	H(11)-C(4)-C(6)-C(5)	180.000	C(3)	-2.121 1.289 -0.093
C(4)-C(6)	1.431	H(11)-C(4)-C(6)-C(8)	0.000	C(4)	-0.429 -1.216 0.088
C(4)-H(11)	1.097	C(3)-C(5)-C(6)-C(4)	0.000	C(5)	-0.790 1.245 -0.096
C(5)-C(6)	1.466	C(3)-C(5)-C(6)-C(8)	-179.000	C(6)	0.123 0.100 -0.015
C(5)-H(7)	1.106	H(7)-C(5)-C(6)-C(4)	-179.000	C(8)	1.505 0.165 -0.027
C(6)-C(8)	1.383	H(7)-C(5)-C(6)-C(8)	0.000	H(2)	-2.056 -2.267 0.176
C(8)-H(9)	1.093	C(4)-C(6)-C(8)-H(9)	-179.000	H(11)	0.200 -2.112 0.152
C(8)-H(10)	1.093	C(4)-C(6)-C(8)-H(10)	0.000	H(7)	-0.373 2.267 -0.176
		C(5)-C(6)-C(8)-H(9)	0.000	H(9)	2.033 1.120 -0.101
		C(5)-C(6)-C(8)-H(10)	180.000	H(10)	2.121 -0.735 0.039



O(1)-C(4)	1.355		
O(1)-H(3)	0.995		
O(1)-C(2)	1.733		
O(1),C(6)	2.552	H(3)-O(1)-C(4)-C(5)	176.650
O(1),H(9)	2.210	C(2)-O(1)-C(4)-C(5)	-55.245
C(4)-C(5)	1.212	C(4)-O(1)-C(2)-C(6)	-132.930
C(5)-H(8)	1.076	C(4)-O(1)-C(2)-H(9)	48.955
C(2),C(4)	2.650	H(3)-O(1)-C(2)-C(6)	-3.289
C(2)-C(6)	1.281	H(3)-O(1)-C(2)-H(9)	178.621
C(2)-H(9)	1.084	O(1)-C(4)-C(5)-H(8)	-161.428
C(6)-C(7)	1.327	O(1)-C(2)-C(6)-C(7)	-175.075
C(7)-H(10)	1.097	H(9)-C(2)-C(6)-C(7)	-4.915
C(7)-H(11)	1.097	C(2)-C(6)-C(7)-H(10)	89.780
		C(2)-C(6)-C(7)-H(11)	-89.273
		O(1)	-1.002 0.132 -0.706
		C(4)	-1.327 1.412 -0.404
		C(5)	-1.736 2.505 -0.074
		H(3)	-0.164 0.069 -1.239
		H(8)	-2.057 3.502 0.172
		C(2)	-0.937 -1.010 0.596
		C(6)	0.105 -1.755 0.608
		C(7)	1.170 -2.546 0.652
		H(9)	-1.882 -0.811 1.089
		H(10)	1.191 -3.502 0.115
		H(11)	2.057 -2.275 1.239



		H(7)-C(1)-C(4)-C(6)	0.000		
		H(11)-O(2)-C(3)-C(5)	-161.050		
C(1)-C(4)	1.217	O(2)-C(3)-C(5)-C(6)	72.377	C(1)	-0.846 -1.537 0.925
C(1)-H(7)	1.075	O(2)-C(3)-C(5)-H(10)	-110.234	O(2)	-1.428 2.139 -0.397
O(2)-C(3)	1.250	C(1)-C(4)-C(6)-C(5)	0.000	C(3)	-0.247 1.734 -0.460
O(2)-H(11)	1.003	C(1)-C(4)-C(6)-H(8)	0.000	C(4)	0.130 -0.882 0.611
C(3),C(4)	2.852	C(1)-C(4)-C(6)-H(9)	0.000	C(5)	0.973 1.325 -0.313
C(3)-C(5)	1.295	C(3)-C(5)-C(6)-C(4)	-2.493	C(6)	1.302 -0.096 0.235
C(4)-C(6)	1.460	C(3)-C(5)-C(6)-H(8)	-125.585	H(7)	-1.687 -2.139 1.220
C(5)-C(6)	1.558	C(3)-C(5)-C(6)-H(9)	121.288	H(11)	-1.977 1.975 -1.220
C(5)-H(10)	1.099	H(10)-C(5)-C(6)-C(4)	-179.000	H(10)	1.795 1.985 -0.622
C(6)-H(8)	1.107	H(10)-C(5)-C(6)-H(8)	57.035	H(8)	1.977 0.074 1.095
C(6)-H(9)	1.106	H(10)-C(5)-C(6)-H(9)	-56.093	H(9)	1.898 -0.593 -0.554