Tetrahedron Vol. 45, No. 3, p. 579, 1989. Pergamon Press plc. Printed in Great Britain.

CORRIGENDUM

Corrigendum to : 5-*(ENDO)*-ISOPROPYLSULFONYL- 5-*(EXO)*-PHENYL-2-NORBORNENE : X-RAY AND MOLECULAR MECHANICS ASSESSMENT OF THE HIGH EFFICIENCY OF THIS NEW RADICAL CLOCK.

Bernard Vacher and al. *Tetrahedron* Vol.44, N°10,pp.2925 to 2932,1988

In the experimental section, the geometrical parameters checked for the compounds **4b** and **4a** are:

atom1	atom2	atom3	angle	atom1	atom2	atom3	angle	atom1	atom2	atom3	angle
C5	S	O1	110.5	S	C5	C6	110.7	C5	C4	C7	96.2
C5	S	O2	106.1	C1'	C5	C4	110.4	C3	C4	C7	99.4
C5	S	C8	107.5	C1'	C5	C6	116.5	C1	C7	C4	94.7
O1	S	O2	116.6	C4	C5	C6	102.7	C1	C2	C3	107.2
O1	S	C8	105.5	C2'	C3	C4'	120.3	C2	C1	C6	104.9
O2	S	C8	110.5	C1'	C6'	C5'	120.2	S	C8	C9	112.4
C1'	C2'	C3'	119.3	C4'	C5'	C6'	120.1	S	C8	C10	104.5
C3'	C4'	C5'	119.2	C4	C3	C2	108.8	S	C8	H	95.3
C2'	C1'	C5	122.4	C6	C1	C7	101.2	C9	C8	C10	117.8
C2'	C1'	C6'	119.2	C2	C1	C7	101.4	C5	C4	C3	108.4
S	C5	C1'	107.7	C1	C6	C5	102.0				
S	C5	C4	108.6	C5	C1'	C6'	118.4				

atom1	atom2	distance	atom1	atom2	distance	atom1	atom2	distance
S	C5	1.84	C1'	C5	1.52	C1	C7	1.51
S	O1	1.43	C1'	C6'	1.41	C1	C2	1.53
S	O2	1.43	C5	C6	1.57	C4	C7	1.56
S	C8	1.86	C4	C5	1.59	C9	C8	1.49
C2'	C1'	1.39	C6'	C5'	1.42	C10	C8	1.56
C2'	C3'	1.41	C3	C4	1.54	C10	H	1.01
C4'	C3'	1.37	C2	C3	1.31	C8	H	0.96
C4'	C5'	1.39	C1	C6	1.57			

Table 1 : Bond angles (degrees) and bond distances (Å) from X-ray analysis of **4b**.

atom1	atom2	atom3	angle	atom1	atom2	atom3	angle	atom1	atom2	atom3	angle
C2	C1	C6	106.5	C4	C5	C1'	110.0	C5	S	O2	105.8
C1	C2	C3	108.2	C4	C5	S	117.5	C5	S	C8	108.5
C5	C4	C7	98.5	C1'	C5	S	106.5	O1	S	O2	118.0
C2	C1	C7	100.3	C5	C4	C3	107.7	O1	S	C8	106.8
C6	C1	C7	101.2	C3	C4	C7	100.3	O2	S	C8	110.0
C1	C6	C5	102.1	C9	C8	C10	111.8	S	C8	C9	114.6
C4	C5	C6	102.7	C1	C7	C4	93.7	S	C8	C10	106.1
C6	C5	C1'	110.7	C5	C1'	N	178.0	S	C8	H	107.6
C6	C5	S	109.4	C5	S	O1	107.5				

atom1	atom2	distance	atom1	atom2	distance	atom1	atom2	distance
C2	C3	1.33	C4	C5	1.58	S	O2	1.44
C3	C4	1.52	C5	C1'	1.47	S	C8	1.80
C1	C2	1.51	C5	S	1.83	C8	C9	1.51
C1	C6	1.55	C4	C7	1.54	C8	C1Q	1.53
C1	C7	1.54	C1'	N	1.14	C8	H	0.96
S	O1	1.44	C5	C6	1.57			

Table 2 : Bond angles (degrees) and bond distances (Å) from X-ray analysis of **4a**.

Page 2928 , lines 12 and 13 from the top , read " C_4-C_5-S which is 117.5° for the CN substituent and 108.6 for a phenyl substituent."