

ADDITIONS AND CORRECTIONS

1999, Volume 103A

Ikuo Naito,* Kazuki Nakamura, Tsutomu Kumagai, Akira Oku, Kenzi Hori, Kenji Matsuda, and Hiizu Iwamura: Formation of Nitrile Ylide by Addition of Carbene with Acetonitrile in a Low-Temperature Argon Matrix

Page 8192. Table 4 should read as follows:

TABLE 4: Calculated NY Bands by Means of RHF/6-31G* Basis Set

calculated band/cm ⁻¹	modified band/cm ⁻¹ ^a	intensity/ KM mol ⁻¹	measured band/cm ⁻¹ ^b	remarks
478.3	431	0.042	418 w	overlap with other
508.9	458	0.260	428 w	overlap with other
580.0	522	0.111	ca. 513 w	
618.3	556	0.227	532 w	
689.2	620	0.220	629 w	
708.3	638	0.167	664 w	overlap with other
779.8	702	0.217	698 m	
812.8	732	0.162	729 m	overlap with MeCN
815.7	734	0.350	745 vs	
861.2	775	0.509	770 s	
959.0	863	0.379	855 s	
975.5	878	0.475	884 m	
997.4	898	1.493	918 vs	overlap with MeCN
1123.0	1011	0.038	1007 m	
1173.1	1056	1.083	1042 vs	overlap with MeCN
1310.5	1179	0.484	1173 vs	
1326.3	1194	0.165	ca. 1184 m	
1333.4	1200	0.017	ca. 1192 m	
1455.1	1310	0.066	1291 w	
1475.6	1328	0.030	1306 m	
1505.2	1355	0.579	1364 s	
1534.7	1381	0.011	1377 vs	overlap with MeCN
1562.5	1406	0.319	1410 vs	
1613.8	1452	0.055	1439 s	overlap with MeCN
1619.1	1457	0.135	1447 vs	overlap with MeCN
1625.3	1463	0.556	1489 w	overlap with MeCN?
1664.6	1498	0.388	1509 w	
1697.5	1528	0.048	?	
1753.1	1578	0.105	1591 vs	
1808.3	1627	0.138	1615 m	
1818.7	1637	0.014	?	
1994.8	1795	2.084	1723 s	
3192.0	2873	0.568	not measured	
3270.1	2943	0.223	not measured	
3281.4	2953	0.106	not measured	
3355.6	3020	0.052	not measured	
3372.6	3035	0.388	not measured	
3375.5	3038	0.033	not measured	
3378.0	3040	0.035	not measured	
3381.9	3044	0.412	not measured	
3390.3	3051	0.272	not measured	
3398.4	3059	0.074	not measured	
3415.2	3074	0.048		

^a Frequencies of modified band have been multiplied by a factor of 0.9.