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Erratum: The Internal Chemical Shift - A Key To Bonding In Aromatic Molecules. 2. Substituent Effects On Carbon-13 Magnetic Resonance Spectra Of The 1,4-disubstituted Benzenes (Journal Of Physical Chemistry (1976) 80, (2024))

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ADDITIONS AND CORRECTIONS

1976, Volume 80

D. W. Beistel and W. Dan Edwards: The Internal Chemical Shift—A Key to Bonding in Aromatic Molecules. 2. Substituent Effects on Carbon-13 Magnetic Resonance Spectra of the 1,4-Disubstituted Benzenes.

Page 2024. The column heads in Table II are incorrectly placed. The corrected table is given below.

TABLE II: ^{13}C Shifts of the 4-Z-Substituted Benzonitriles (in ppm) Relative to TMS

Z	C \equiv N	C ₁ (Z)	C ₂ (Z)	C ₃ (CN)	C ₄ (CN)	$\Delta_{\text{C}_{2,3}}$
NMe ₂	120.48	150.34	111.31	133.14	97.22	-21.83
NH ₂	120.04	150.44	114.29	133.57	99.76	-19.28
OMe	119.01	162.7	114.68	133.77	103.85	-19.09
OH	119.0	160.12	116.39	134.17	102.98	-17.78
Me	118.93	143.49	129.64	131.83	109.29	-2.19
H	118.65	132.58	128.97	131.98	112.46	-3.01
Cl	117.70	139.40	129.52	133.17	110.75	-3.65
Br	117.78	127.78	133.17	132.46	111.27	0.71
I	117.86	100.00	138.29	132.94	111.71	5.35
COMe	117.70	139.84	128.53	132.30	116.23	13.77
NO ₂	116.67	150.0	124.17	133.33	118.29	19.16

—D. W. Beistel