

(1) General overview

Some representative ^{11}B chemical shifts referred to $\text{BF}_3 \cdot \text{OEt}_2$ ($\text{R}, \text{R}^1, \text{R}^2 = \text{alkyl}$)

	δ/ppm		δ/ppm
RBF_2	28 to 30	R_2BF	59 to 60
RBCl_2	62 to 64	R_2BCl	76 to 78
RBBr_2	62 to 66	R_2BBr	79 to 82
PhBF_2	24.8	Ph_2BF	47.4
PhBCl_2	54.8	Ph_2BCl	61.0
$\text{RB}(\text{NMe}_2)_2$	33.5 to 34.2	R_2BNMe_2	44 to 46
$\text{RB}(\text{OMe})_2$	29 to 32	$\text{R}_2\text{B}(\text{OMe})$	53 to 54
$[\text{B}(\text{OMe})_4]^-$	3	$[\text{B}(\text{OH})_4]^-$	1.1
$[\text{BR}_4]^-$	-16 to -20	$[\text{BPh}_4]^-$	-6.3
$[\text{BF}_4]^-$	-2.2	$[\text{BCl}_4]^-$	6.6
$[\text{BBr}_4]^-$	-24.1	$[\text{BI}_4]^-$	-128
$[\text{B}(\text{NO}_3)_4]^-$	-86.6	$[\text{B}(\text{OPh})_4]^-$	2.
$(\text{R}^1\text{BNR}^2)_3$	23 to 37	$\text{B}(\text{NR}_2)_2\text{X}$	20 to 30

