Methylboronic acid, bis(tert-butyldimethylsilyl) derivative

Other names: Bis[tert-butyl(dimethyl)silyl] methylboronate
Inchi: InChI=1S/C13H33BO2Si2/c1-12(2,3)17(8,9)15-14(7)16-18(10,11)13(4,5)6/h1-11H3
InchiKey: AQBSYZDJJRQGMA-UHFFFAOYSA-N
Formula: C13H33BO2Si2
SMILES: CB(O[Si](C)(C)C(C)(C)C)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 288.38

Physical Properties

Property code	Value	Unit	Source
log10ws	1.79		Crippen Method
logp	5.148		Crippen Method
rinpol	1264.20		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333181&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices