N,N-Dimethylglycine, tert-butyldimethylsilyl ester

Other names: N,n-dimethylglycine, tbdms derivative
Inchi: InChI=1S/C10H23NO2Si/c1-10(2,3)14(6,7)13-9(12)8-11(4)5/h8H2,1-7H3
InchiKey: JOCBLFCSSSVFGN-UHFFFAOYSA-N
Formula: C10H23NO2Si
SMILES: CN(C)CC(=O)O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 217.38

Physical Properties

Property code	Value	Unit	Source
log10ws	0.51		Crippen Method
logp	2.096		Crippen Method
rinpol	1199.10		NIST Webbook
rinpol	1199.10		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333875&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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