3-Amino-1-propanol, tert-butyldimethylsilyl ether

Other names: (3-Pyrrol[tert-butyl(dimethyl)silyl]oxymorphopropyl)amine
3-Aminopropanol, tbdms derivative
Inchi: InChI=1S/C9H23NOSi/c1-9(2,3)12(4,5)11-8-6-7-10/h6-8,10H2,1-5H3
InchiKey: LNSJAAYIGOFKTA-UHFFFAOYSA-N
Formula: C9H23NOSi
SMILES: CC(C)(C)[Si](C)(C)OCCCN
Mol. weight [g/mol]: 189.37

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.16		Crippen Method
logp	2.357		Crippen Method
rinpol	1153.30		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=U333010&Units=SI

Legend

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