4-Amino-1-butanol, tert-butyldimethylsilyl ether

Other names: 4-Pyrrol[tert-butyl(dimethyl)silyl]oxymorphobutan-1-amine
4-Amino-1-butanol, tbdms derivative
Inchi: InChI=1S/C10H25NOSi/c1-10(2,3)13(4,5)12-9-7-6-8-11/h6-9,11H2,1-5H3
InchiKey: DVHRNKRBIRBDTE-UHFFFAOYSA-N
Formula: C10H25NOSi
SMILES: CC(C)(C)[Si](C)(C)OCCCCN
Mol. weight [g/mol]: 203.40

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.58		Crippen Method
logp	2.747		Crippen Method
rinpol	1254.80		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U333072&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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