5-Amino-1-pentanol, tert-butyldimethylsilyl ether

Other names: 5-Pyrrol[tert-butyl(dimethyl)silyl]oxymorphopentan-1-amine
5-Amino-1-pentanol, tbdms derivative
Inchi: InChI=1S/C11H27NOSi/c1-11(2,3)14(4,5)13-10-8-6-7-9-12/h6-10,12H2,1-5H3
InchiKey: KDNASZJDCUBCQD-UHFFFAOYSA-N
Formula: C11H27NOSi
SMILES: CC(C)(C)[Si](C)(C)OCCCCCN
Mol. weight [g/mol]: 217.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.00		Crippen Method
logp	3.137		Crippen Method
rinpol	1343.10		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=U333015&Units=SI

Legend

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