

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)OCCCCN
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/ci9903071
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

Latest version available from:

<https://www.chemeo.com/cid/55-329-6/5-Amino-1-pentanol-tert-butyldimethylsilyl-ether.pdf>

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