

6-Amino-1-hexanol, N-(tert-butyldimethylsilyl)-

Other names:	6-Pyrrol[tert-butyl(dimethyl)silyl]aminomorphohexan-1-ol 6-Amino-1-hexanol, n-tbdms derivative
Inchi:	InChI=1S/C12H29NOSi/c1-12(2,3)15(4,5)13-10-8-6-7-9-11-14/h13-14H,6-11H2,1-5H3
InchiKey:	APRPVSPNCMWXGA-UHFFFAOYSA-N
Formula:	C12H29NOSi
SMILES:	CC(C)(C)[Si](C)(C)NCCCCCO
Mol. weight [g/mol]:	231.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.35		Crippen Method
logp	3.134		Crippen Method
rinpol	1557.50		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333069&Units=SI

Legend

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

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<https://www.chemeo.com/cid/31-377-9/6-Amino-1-hexanol-N-tert-butyldimethylsilyl.pdf>

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