3-Amino-1-propanol, N-(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ether

Other names:	1-tert-Butyl-N(3-pyrrol[tert-butyl(dimethyl)silyl]oxymorphopropyl)-1,1-dimethylsilanamine
	1-Propanol, 3-amino, TBDMS
	1-Propanol, 3-amino, O,N-bis-DMTBS
	3-Aminopropanol, 2tbdms derivative
Inchi:	InChI=1S/C15H37NOSi2/c1-14(2,3)18(7,8)16-12-11-13-17-19(9,10)15(4,5)6/h16H,11-13
InchiKey:	DMESNZCHXSSLJJ-UHFFFAOYSA-N
Formula:	C15H37NOSi2
SMILES:	CC(C)(C)[Si](C)(C)NCCCO[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]:	303.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.48		Crippen Method
logp	4.993		Crippen Method
rinpol	1551.10		NIST Webbook
rinpol	1560.00		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=U333009&Units=SI

Legend

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