4-Amino-1-butanol, N,O-bis(tert-butyldimethylsilyl)-

Other names: 1-tert-Butyl-N-(4-pyrrol[tert-butyl(dimethyl)silyl]oxymorphobutyl)-1,1-dimethylsilanamine
1-Butanol, 4-amino, N,O-bis-DMTBS
1-Butanol, 4-amino, TBDMS
4-Amino-1-butanol, 2tbdms derivative

Inchi: InChI=1S/C16H39NOSi2/c1-15(2,3)19(7,8)17-13-11-12-14-18-20(9,10)16(4,5)6/h17H,11

InchiKey: PBRLAPQGYGBBTP-UHFFFAOYSA-N

Formula: C16H39NOSi2

SMILES: CC(C)(C)[Si](C)(C)NCCCCO[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 317.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.90		Crippen Method
logp	5.383		Crippen Method
rinpol	1662.90		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=U333071&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.