3-Methyl-1-butanol, picolinyloxydimethylsilyl ether

Inchi: InChI=1S/C13H23NO2Si/c1-12(2)7-9-15-17(3,4)16-11-13-6-5-8-14-10-13/h5-6,8,10,12H,

InchiKey: QRRCWLJHSTXHGD-UHFFFAOYSA-N

Formula: C13H23NO2Si

SMILES: CC(C)CCO[Si](C)(C)OCc1cccnc1

Mol. weight [g/mol]: 253.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.61		Crippen Method
logp	3.363		Crippen Method
rinpol	1595.60		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U334102&Units=SI

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices