3-Methyl-1-butanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C11H23NOSi/c1-11(2)7-9-13-14(3,4)10-6-5-8-12/h11H,5-7,9-10H2,1-4H3

InchiKey: BKXVAFPABJNYMU-UHFFFAOYSA-N

Formula: C11H23NOSi

SMILES: CC(C)CCO[Si](C)(C)CCCC#N

Mol. weight [g/mol]: 213.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.19		Crippen Method
logp	3.558		Crippen Method
rinpol	1385.00		NIST Webbook
rinpol	1385.00		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=U376214&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices