3,3-Dimethyl-2-butanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C12H25NOSi/c1-11(12(2,3)4)14-15(5,6)10-8-7-9-13/h11H,7-8,10H2,1-6H3

InchiKey: KQAKBKFYKYQPSU-UHFFFAOYSA-N

Formula: C12H25NOSi

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

Mol. weight [g/mol]: 227.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.72		Crippen Method
logp	3.946		Crippen Method
rinpol	1421.00		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=U375666&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices