4-Methyl-2-pentanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C12H25NOSi/c1-11(2)10-12(3)14-15(4,5)9-7-6-8-13/h11-12H,6-7,9-10H2,1-5H

InchiKey: OGAAHGFVURGIJW-UHFFFAOYSA-N

Formula: C12H25NOSi

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

Mol. weight [g/mol]: 227.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.72		Crippen Method
logp	3.946		Crippen Method
rinpol	1423.00		NIST Webbook
rinpol	1423.00		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=U375673&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices