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

Inchi: InChI=1S/C13H27NOSi/c1-12(11-13(2,3)4)15-16(5,6)10-8-7-9-14/h12H,7-8,10-11H2,1-6

InchiKey: GSDZQULCYNTBOI-UHFFFAOYSA-N

Formula: C13H27NOSi

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

Mol. weight [g/mol]: 241.45

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.14		Crippen Method
logp	4.337		Crippen Method
rinpol	1496.00		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=U376054&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:
https://www.chemeo.com/cid/67-627-2/4-4-Dimethyl-2-pentanol-3-cyanopropyl-dimethylsilyl-ether.pdf
Generated by Cheméo on 2025-12-18 12:10:30.150222984 +0000 UTC m=+5808027.680263639.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.