

1-(2-Methoxyethoxy)-2-methyl-2-propanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C13H27NO3Si/c1-13(2,12-16-10-9-15-3)17-18(4,5)11-7-6-8-14/h6-7,9-12H2,1-
InchiKey: OGMQABCENAKYRL-UHFFFAOYSA-N
Formula: C13H27NO3Si
SMILES: COCCOCC(C)(C)O[Si](C)(C)CCCC#N
Mol. weight [g/mol]: 273.44

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.56		Crippen Method
logp	2.953		Crippen Method
rinpol	1664.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376059&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/12-410-2/1-2-Methoxyethoxy-2-methyl-2-propanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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