

DL-3-Methyl-2-butanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C11H23NOSi/c1-10(2)11(3)13-14(4,5)9-7-6-8-12/h10-11H,6-7,9H2,1-5H3
InchiKey: FSCATQZJBIKMGK-UHFFFAOYSA-N
Formula: C11H23NOSi
SMILES: CC(C)C(C)O[Si](C)(C)CCCC#N
Mol. weight [g/mol]: 213.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.30		Crippen Method
logp	3.556		Crippen Method
rinpol	1364.00		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=U375560&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/28-196-4/DL-3-Methyl-2-butanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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