

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

Latest version available from:

<https://www.chemeo.com/cid/46-289-1/3-3-Dimethyl-2-butanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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