

3-Methyl-1-butanol, (3-cyanopropyl)dimethylsilyl ether

Inchi:	InChI=1S/C11H23NOSi/c1-11(2)7-9-13-14(3,4)10-6-5-8-12/h11H,5-7,9-10H2,1-4H3
InchiKey:	BKXVAFPABJNYMU-UHFFFAOYSA-N
Formula:	C11H23NOSi
SMILES:	CC(C)CCO[Si](C)(C)CCCC#N
Mol. weight [g/mol]:	213.39

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.19		Crippen Method
logp	3.558		Crippen Method
rinpol	1385.00		NIST Webbook
rinpol	1385.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U376214&Units=SI

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/56-233-1/3-Methyl-1-butanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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