

2-Methyl-1-pentanol, (3-cyanopropyl)dimethylsilyl ether

Inchi:	InChI=1S/C12H25NOSi/c1-5-8-12(2)11-14-15(3,4)10-7-6-9-13/h12H,5-8,10-11H2,1-4H3
InchiKey:	ZUECMYQTXSDYJU-UHFFFAOYSA-N
Formula:	C12H25NOSi
SMILES:	CCCC(C)CO[Si](C)(C)CCCC#N
Mol. weight [g/mol]:	227.42

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.61		Crippen Method
logp	3.948		Crippen Method
rinpol	1475.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U375650&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

Latest version available from:

<https://www.chemeo.com/cid/30-412-0/2-Methyl-1-pentanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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