

2-Ethyl-1-butanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C12H25NOSi/c1-5-12(6-2)11-14-15(3,4)10-8-7-9-13/h12H,5-8,10-11H2,1-4H3
InchiKey: KQSSHCMHJWWDN-UHFFFAOYSA-N
Formula: C12H25NOSi
SMILES: CCC(CC)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	1479.00		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=U375660&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/17-090-3/2-Ethyl-1-butanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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