

4-(2-Hydroxyethyl)-2,2-dimethyl-1,3-dioxolane, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C13H25NO3Si/c1-13(2)15-11-12(17-13)7-9-16-18(3,4)10-6-5-8-14/h12H,5-7,9
InchiKey: JQHME XGMQZDODF-UHFFFAOYSA-N
Formula: C13H25NO3Si
SMILES: CC1(C)OCC(CCO[Si](C)(C)CCCC#N)O1
Mol. weight [g/mol]: 271.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	3.053		Crippen Method
rinpol	1726.00		NIST Webbook
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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=U376047&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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