

Cyclohexanemethanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C13H25NOSi/c1-16(2,11-7-6-10-14)15-12-13-8-4-3-5-9-13/h13H,3-9,11-12H2,
InchiKey: IWDSKBBUANKOHR-UHFFFAOYSA-N
Formula: C13H25NOSi
SMILES: C[Si](C)(CCCC#N)OCC1CCCCC1
Mol. weight [g/mol]: 239.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.92		Crippen Method
logp	4.092		Crippen Method
rinpol	1637.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376039&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/48-901-8/Cyclohexanemethanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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