

2-Chloroethanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C8H16CINOSi/c1-12(2,11-7-5-9)8-4-3-6-10/h3-5,7-8H2,1-2H3
InchiKey: OYBBRTVXVZKNOP-UHFFFAOYSA-N
Formula: C8H16CINOSi
SMILES: C[Si](C)(CCCC#N)OCCCI
Mol. weight [g/mol]: 205.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.33		Crippen Method
logp	2.751		Crippen Method
rinpol	1408.00		NIST Webbook
rinpol	1408.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U376204&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/98-784-4/2-Chloroethanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

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