

2,2-Dichloroethanol, (3-cyanopropyl)dimethylsilyl ether

Inchi: InChI=1S/C8H15Cl2NOSi/c1-13(2,6-4-3-5-11)12-7-8(9)10/h8H,3-4,6-7H2,1-2H3
InchiKey: RDBMPUUUBUBSRZ-UHFFFAOYSA-N
Formula: C8H15Cl2NOSi
SMILES: C[Si](C)(CCCC#N)OCC(Cl)Cl
Mol. weight [g/mol]: 240.20

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.09		Crippen Method
logp	3.316		Crippen Method
rinpol	1533.00		NIST Webbook
rinpol	1533.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U375562&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/49-565-1/2-2-Dichloroethanol-3-cyanopropyl-dimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-27 08:15:36.684452301 +0000 UTC m=+16494985.605029613.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.