

Dichloro(dipentyloxy)silane

Inchi: InChI=1S/C10H22Cl2O2Si/c1-3-5-7-9-13-15(11,12)14-10-8-6-4-2/h3-10H2,1-2H3
InchiKey: KDGDCVBEFUICD-UHFFFAOYSA-N
Formula: C10H22Cl2O2Si
SMILES: CCCCCO[Si](Cl)(Cl)OCCCC
Mol. weight [g/mol]: 273.27

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.29		Crippen Method
logp	4.313		Crippen Method
rinpol	1410.00		NIST Webbook
rinpol	1405.00		NIST Webbook
rinpol	1410.00		NIST Webbook
rinpol	1410.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139332&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.cheméo.com/cid/63-167-7/Dichloro-dipentyloxy-silane.pdf>

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