

Dichloro(dibutyloxy)silane

Inchi: InChI=1S/C8H18Cl2O2Si/c1-3-5-7-11-13(9,10)12-8-6-4-2/h3-8H2,1-2H3
InchiKey: HRYDYCUCHYGDBK-UHFFFAOYSA-N
Formula: C8H18Cl2O2Si
SMILES: CCCCC[Si](Cl)(Cl)OCCCC
Mol. weight [g/mol]: 245.22

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.45		Crippen Method
logp	3.533		Crippen Method
rinpol	1190.00		NIST Webbook
rinpol	1187.00		NIST Webbook
rinpol	1140.00		NIST Webbook
rinpol	1190.00		NIST Webbook
rinpol	1190.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139312&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/26-606-0/Dichloro-dibutyloxy-silane.pdf>

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