

Trichloro(propoxy)silane

Inchi: InChI=1S/C3H7Cl3OSi/c1-2-3-7-8(4,5)6/h2-3H2,1H3
InchiKey: KOSDRGGXVCAXGC-UHFFFAOYSA-N
Formula: C3H7Cl3OSi
SMILES: CCCO[Si](Cl)(Cl)Cl
Mol. weight [g/mol]: 193.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.42		Crippen Method
logp	2.565		Crippen Method
rinpol	813.00		NIST Webbook
rinpol	800.00		NIST Webbook
rinpol	790.00		NIST Webbook
rinpol	786.00		NIST Webbook
rinpol	813.00		NIST Webbook
rinpol	813.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R139401&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/81-287-4/Trichloro-propoxy-silane.pdf>

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