

(Chloromethyl)dimethylethylsillane

Inchi: InChI=1S/C5H13ClSi/c1-4-7(2,3)5-6/h4-5H2,1-3H3
InchiKey: BCZCLPJVTSRZLR-UHFFFAOYSA-N
Formula: C5H13ClSi
SMILES: CC[Si](C)(C)CCl
Mol. weight [g/mol]: 136.69
CAS: 3121-77-5

Physical Properties

Property code	Value	Unit	Source
log10ws	0.38		Crippen Method
logp	2.493		Crippen Method
rinpol	830.00		NIST Webbook
rinpol	830.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C3121775&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.chemeo.com/cid/88-099-6/Chloromethyl-dimethylethylsillane.pdf>

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