

Silane, chloromethyl, triisopropoxy

Inchi: InChI=1S/C10H23ClO3Si/c1-8(2)12-15(7-11,13-9(3)4)14-10(5)6/h8-10H,7H2,1-6H3
InchiKey: SAKYAANYXZKYEK-UHFFFAOYSA-N
Formula: C10H23ClO3Si
SMILES: CC(C)O[Si](CCl)(OC(C)C)OC(C)C
Mol. weight [g/mol]: 254.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.06		Crippen Method
logp	2.978		Crippen Method
rinpol	1160.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R311787&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/26-302-7/Silane-chloromethyl-triisopropoxy.pdf>

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