

Trimethylsilyl chloroacetate

Other names:	Trimethylsilyl 2-chloroacetate
Inchi:	InChI=1S/C5H11ClO2Si/c1-9(2,3)8-5(7)4-6/h4H2,1-3H3
InchiKey:	GKNXALOWPZOTRL-UHFFFAOYSA-N
Formula:	C5H11ClO2Si
SMILES:	C[Si](C)(C)OC(=O)CCl
Mol. weight [g/mol]:	166.68

Physical Properties

Property code	Value	Unit	Source
log10ws	1.02		Crippen Method
logp	1.603		Crippen Method
rinpol	925.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U373361&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/42-154-4/Trimethylsilyl-chloroacetate.pdf>

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