

tert-Butyldimethylsilyl 2-chloroacetate

Other names:	tert-Butyldimethylsilyl chloroacetate
Inchi:	InChI=1S/C8H17ClO2Si/c1-8(2,3)12(4,5)11-7(10)6-9/h6H2,1-5H3
InchiKey:	RUQHLZVDTNJVOW-UHFFFAOYSA-N
Formula:	C8H17ClO2Si
SMILES:	CC(C)(C)[Si](C)(C)OC(=O)CCl
Mol. weight [g/mol]:	208.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.24		Crippen Method
logp	2.774		Crippen Method
rinpol	1141.00		NIST Webbook
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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=U373052&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/25-943-7/tert-Butyldimethylsilyl-2-chloroacetate.pdf>

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