

2,2,2-Trichloroethanol, bromomethyldimethylsilyl ether

Inchi:	InChI=1S/C5H10BrCl3OSi/c1-11(2,4-6)10-3-5(7,8)9/h3-4H2,1-2H3
InchiKey:	IPOZMTJRYFPPQM-UHFFFAOYSA-N
Formula:	C5H10BrCl3OSi
SMILES:	C[Si](C)(CBr)OCC(Cl)(Cl)Cl
Mol. weight [g/mol]:	300.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.13		Crippen Method
logp	3.512		Crippen Method
rinpol	1346.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U375577&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

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