2-Chloroethanol, tert-butyldimethylsilyl ether

Other names:	tert-Butyl(2-chloroethoxy)dimethylsilane
	2-Chloroethanol, tbdms derivative
Inchi:	InChI=1S/C8H19ClOSi/c1-8(2,3)11(4,5)10-7-6-9/h6-7H2,1-5H3
InchiKey:	PEHWWVVZOODHQY-UHFFFAOYSA-N
Formula:	C8H19ClOSi
SMILES:	CC(C)(C)[Si](C)(C)OCCCl
Mol. weight [g/mol]:	194.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.46		Crippen Method
logp	3.247		Crippen Method
rinpol	1063.30		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333031&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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