

8-Chloro-1-octanol, trimethylsilyl ether

Other names:	[(8-Chlorooctyl)oxy](trimethyl)silane 8-Chloro-1-octanol, tms derivative
Inchi:	InChI=1S/C11H25ClOSi/c1-14(2,3)13-11-9-7-5-4-6-8-10-12/h4-11H2,1-3H3
InchiKey:	OWVNEARWQFRJED-UHFFFAOYSA-N
Formula:	C11H25ClOSi
SMILES:	C[Si](C)(C)OCCCCCCCCI
Mol. weight [g/mol]:	236.85

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.72		Crippen Method
logp	4.417		Crippen Method
rinpola	1442.90		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=U333081&Units=SI

Legend

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

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<https://www.chemeo.com/cid/53-976-0/8-Chloro-1-octanol-trimethylsilyl-ether.pdf>

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