3,4-Dichlorophenol, trimethylsilyl ether

Other names:	3,4-Dichloro-1-trimethylsilyloxybenzene
	Phenol, 3,4-dichloro, TMS
Inchi:	InChI=1S/C9H12Cl2OSi/c1-13(2,3)12-7-4-5-8(10)9(11)6-7/h4-6H,1-3H3
InchiKey:	RVRMHPLXFIHHMR-UHFFFAOYSA-N
Formula:	C9H12Cl2OSi
SMILES:	C[Si](C)(C)Oc1ccc(Cl)c(Cl)c1
Mol. weight [g/mol]:	235.18
CAS:	67947-16-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.85		Crippen Method
logp	4.207		Crippen Method
rinpol	1411.00		NIST Webbook
rinpol	1407.60		NIST Webbook
rinpol	1388.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C67947164&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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https://www.chemeo.com/cid/66-540-9/3-4-Dichlorophenol-trimethylsilyl-ether.pdf

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