

2,3,5-Trichlorophenol, trimethylsilyl ether

Other names:	2,3,5-Trichlorophenol, tms derivative
Inchi:	InChI=1S/C9H11Cl3OSi/c1-14(2,3)13-8-5-6(10)4-7(11)9(8)12/h4-5H,1-3H3
InchiKey:	FLWTWUOMGDVDFY-UHFFFAOYSA-N
Formula:	C9H11Cl3OSi
SMILES:	C[Si](C)(C)Oc1cc(Cl)cc(Cl)c1Cl
Mol. weight [g/mol]:	269.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.53		Crippen Method
logp	4.861		Crippen Method
rinpol	1514.10		NIST Webbook
rinpol	1514.10		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=U333437&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/41-168-0/2-3-5-Trichlorophenol-trimethylsilyl-ether.pdf>

Generated by Cheméo on 2024-04-19 17:45:59.4789552 +0000 UTC m=+15838008.399532515.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.