

# 2,3,4,6-Tetrachlorophenol, tert-butyldimethylsilyl ether

Other names:	2,3,4,6-tetrachlorophenol, TBDMS 2,3,4,6-Tetrachlorophenol, tbdms derivative
Inchi:	InChI=1S/C12H16Cl4OSi/c1-12(2,3)18(4,5)17-11-8(14)6-7(13)9(15)10(11)16/h6H,1-5H3
InchiKey:	MDKIRIDRLGYBR-UHFFFAOYSA-N
Formula:	C12H16Cl4OSi
SMILES:	CC(C)(C)[Si](C)(C)Oc1c(Cl)cc(Cl)c(Cl)c1Cl
Mol. weight [g/mol]:	346.15

## Physical Properties

Property code	Value	Unit	Source
log10ws	-4.48		Crippen Method
logp	6.684		Crippen Method
rinpola	1991.40		NIST Webbook
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## Sources

Crippen Method:	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>
Crippen Method:	<a href="https://www.cheméo.com/doc/models/crippen_log10ws">https://www.cheméo.com/doc/models/crippen_log10ws</a>
NIST Webbook:	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333388&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333388&amp;Units=SI</a>

## Legend

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

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