

2,4-Dichlorophenol, tert-butyldimethylsilyl ether

Other names:	2-4-dichlorophenol , TBDMS
Inchi:	InChI=1S/C12H18Cl2OSi/c1-12(2,3)16(4,5)15-11-7-6-9(13)8-10(11)14/h6-8H,1-5H3
InchiKey:	JYWHLWFKXXRKHZ-UHFFFAOYSA-N
Formula:	C12H18Cl2OSi
SMILES:	CC(C)(C)[Si](C)(C)Oc1ccc(Cl)cc1Cl
Mol. weight [g/mol]:	277.26

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.11		Crippen Method
logp	5.377		Crippen Method
rinpol	1631.90		NIST Webbook
rinpol	1631.90		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333365&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

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/61-576-5/2-4-Dichlorophenol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2025-12-21 11:43:12.317711102 +0000 UTC m=+6065589.847751755.

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