

# 3-Chlorophenol, tert-butyldimethylsilyl ether

<b>Other names:</b>	3-chlorophenol, TBDMS 3-Chlorophenol, tbdms derivative
<b>Inchi:</b>	InChI=1S/C12H19ClOSi/c1-12(2,3)15(4,5)14-11-8-6-7-10(13)9-11/h6-9H,1-5H3
<b>InchiKey:</b>	DZPKJDCRDGUMDN-UHFFFAOYSA-N
<b>Formula:</b>	C12H19ClOSi
<b>SMILES:</b>	CC(C)(C)[Si](C)(C)Oc1cccc(Cl)c1
<b>Mol. weight [g/mol]:</b>	242.82

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.42		Crippen Method
logp	4.724		Crippen Method
rinpola	1455.10		NIST Webbook
rinpola	1455.10		NIST Webbook

## Sources

<b>Crippen Method:</b>	<a href="https://www.chemeo.com/doc/models/crippen_log10ws">https://www.chemeo.com/doc/models/crippen_log10ws</a>
<b>NIST Webbook:</b>	<a href="http://webbook.nist.gov/cgi/cbook.cgi?ID=U333378&amp;Units=SI">http://webbook.nist.gov/cgi/cbook.cgi?ID=U333378&amp;Units=SI</a>
<b>Crippen Method:</b>	<a href="http://pubs.acs.org/doi/abs/10.1021/ci9903071">http://pubs.acs.org/doi/abs/10.1021/ci9903071</a>

## Legend

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

Latest version available from:

<https://www.chemeo.com/cid/85-388-8/3-Chlorophenol-tert-butyldimethylsilyl-ether.pdf>

Generated by Cheméo on 2025-02-19 09:14:58.033872934 +0000 UTC m=+3164713.880798566.

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