

4-Chloro-3-methylphenol, trimethylsilyl ether

Other names:	4-Chloro-3-methylphenol, tms derivative
Inchi:	InChI=1S/C10H15ClOSi/c1-8-7-9(5-6-10(8)11)12-13(2,3)4/h5-7H,1-4H3
InchiKey:	OHKCRYUWYSCAEA-UHFFFAOYSA-N
Formula:	C10H15ClOSi
SMILES:	Cc1cc(O[Si](C)(C)C)ccc1Cl
Mol. weight [g/mol]:	214.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.64		Crippen Method
logp	3.862		Crippen Method
rinpol	1328.60		NIST Webbook
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Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U333433&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
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/90-959-8/4-Chloro-3-methylphenol-trimethylsilyl-ether.pdf>

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