

2-Chloro-6-fluorophenol, tert-butyldimethylsilyl ether

Other names:	2-Chloro-6-fluorophenol, tbdms derivative
Inchi:	InChI=1S/C12H18ClFOSi/c1-12(2,3)16(4,5)15-11-9(13)7-6-8-10(11)14/h6-8H,1-5H3
InchiKey:	FMQWWJUXUSFKTL-UHFFFAOYSA-N
Formula:	C12H18ClFOSi
SMILES:	CC(C)(C)[Si](C)(C)Oc1c(F)cccc1Cl
Mol. weight [g/mol]:	260.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.75		Crippen Method
logp	4.863		Crippen Method
rinsol	1451.60		NIST Webbook
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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=U352541&Units=SI

Legend

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

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<https://www.chemeo.com/cid/49-897-3/2-Chloro-6-fluorophenol-tert-butyldimethylsilyl-ether.pdf>

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