

2-Fluoro-3-(trifluoromethyl)phenol, trimethylsilyl ether

Other names:	2-Fluoro-3-(trifluoromethyl)phenol, tms derivative
Inchi:	InChI=1S/C10H12F4OSi/c1-16(2,3)15-8-6-4-5-7(9(8)11)10(12,13)14/h4-6H,1-3H3
InchiKey:	AGHRGYJANRIOCR-UHFFFAOYSA-N
Formula:	C10H12F4OSi
SMILES:	C[Si](C)(C)Oc1cccc(C(F)(F)F)c1F
Mol. weight [g/mol]:	252.28

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.91		Crippen Method
logp	4.058		Crippen Method
rinpol	1057.10		NIST Webbook

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=U352581&Units=SI

Legend

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

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<https://www.chemeo.com/cid/79-571-1/2-Fluoro-3-trifluoromethyl-phenol-trimethylsilyl-ether.pdf>

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