

2-Fluorobenzoic acid, trimethylsilyl ester

Other names:	Trimethylsilyl 2-fluorobenzoate
Inchi:	InChI=1S/C10H13FO2Si/c1-14(2,3)13-10(12)8-6-4-5-7-9(8)11/h4-7H,1-3H3
InchiKey:	VZVYGXOTUTVRSF-UHFFFAOYSA-N
Formula:	C10H13FO2Si
SMILES:	C[Si](C)(C)OC(=O)c1ccccc1F
Mol. weight [g/mol]:	212.29

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.93		Crippen Method
logp	2.817		Crippen Method
rinpol	1282.00		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=U373349&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/61-481-0/2-Fluorobenzoic-acid-trimethylsilyl-ester.pdf>

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