

Trimethylsilyl 4-(trifluoromethyl)benzoate

Inchi:	InChI=1S/C11H13F3O2Si/c1-17(2,3)16-10(15)8-4-6-9(7-5-8)11(12,13)14/h4-7H,1-3H3
InchiKey:	PLSIFTZHOILBIK-UHFFFAOYSA-N
Formula:	C11H13F3O2Si
SMILES:	C[Si](C)(C)OC(=O)c1ccc(C(F)(F)F)cc1
Mol. weight [g/mol]:	262.30
CAS:	174579-97-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.71		Crippen Method
logp	3.697		Crippen Method
rinpol	1223.00		NIST Webbook
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Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C174579976&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

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/14-422-7/Trimethylsilyl-4-trifluoromethyl-benzoate.pdf>

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