

Carbomethoxy-salicylic acid, trimethylsilyl ester

Inchi:	InChI=1S/C12H16O5Si/c1-15-12(14)16-10-8-6-5-7-9(10)11(13)17-18(2,3)4/h5-8H,1-4H3
InchiKey:	CFKNPSVHJODBBZ-UHFFFAOYSA-N
Formula:	C12H16O5Si
SMILES:	COC(=O)Oc1ccccc1C(=O)O[Si](C)(C)C
Mol. weight [g/mol]:	268.34

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.98		Crippen Method
logp	2.824		Crippen Method
rinpol	1644.00		NIST Webbook
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Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U374804&Units=SI

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/46-969-6/Carbomethoxy-salicylic-acid-trimethylsilyl-ester.pdf>

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