

Trimethylsilyl 3-methyl-4-[(trimethylsilyl)oxy]benzoate

Other names: 4-(Trimethylsilyl)oxy-3-methylbenzoic acid, trimethylsilyl ester

Inchi: InChI=1S/C14H24O3Si2/c1-11-10-12(14(15)17-19(5,6)7)8-9-13(11)16-18(2,3)4/h8-10H,1

InchiKey: APMCQTIRXVCGRZ-UHFFFAOYSA-N

Formula: C14H24O3Si2

SMILES: Cc1cc(C(=O)O[Si](C)(C)C)ccc1O[Si](C)(C)C

Mol. weight [g/mol]: 296.51

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.09		Crippen Method
logp	4.200		Crippen Method
rinpol	1720.00		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=U378732&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/32-152-7/Trimethylsilyl-3-methyl-4-trimethylsilyl-oxy-benzoate.pdf>

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