

# Benzoic acid, 5-methoxy-2-[(trimethylsilyl)oxy]-, trimethylsilyl ester

Other names:

5-Methoxysalicylic acid, di-TMS

Inchi: InChI=1S/C14H24O4Si2/c1-16-11-8-9-13(17-19(2,3)4)12(10-11)14(15)18-20(5,6)7/h8-10

InchiKey: GUHTUWJDGSTMZ-UHFFFAOYSA-N

Formula: C14H24O4Si2

SMILES: COc1ccc(O[Si](C)(C)C)c(C(=O)O[Si](C)(C)C)c1

Mol. weight [g/mol]: 312.51

CAS: 55517-47-0

## Physical Properties

Property code	Value	Unit	Source
log10ws	0.27		Crippen Method
logp	3.901		Crippen Method
rinpol	1864.00		NIST Webbook
rinpol	1864.00		NIST Webbook
rinpol	1864.00		NIST Webbook

## Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: [https://www.cheméo.com/doc/models/crippen\\_log10ws](https://www.cheméo.com/doc/models/crippen_log10ws)

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C55517470&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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