

5-(Methylthio)-Salicylic acid, O,O'-di(trimethylsilyl)-

Inchi: InChI=1S/C14H24O3SSi2/c1-18-11-8-9-13(16-19(2,3)4)12(10-11)14(15)17-20(5,6)7/h8-1
InchiKey: NVCAXOBQFNMOQZ-UHFFFAOYSA-N
Formula: C14H24O3SSi2
SMILES: CSc1ccc(O[Si](C)(C)C)c(C(=O)O[Si](C)(C)C)c1
Mol. weight [g/mol]: 328.57

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.35		Crippen Method
logp	4.614		Crippen Method
rinpol	1893.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374802&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

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/44-153-3/5-Methylthio-Salicylic-acid-O-O-di-trimethylsilyl.pdf>

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