

# 2-(Methylthio)benzoic acid, trimethylsilyl ester

**Inchi:** InChI=1S/C11H16O2SSi/c1-14-10-8-6-5-7-9(10)11(12)13-15(2,3)4/h5-8H,1-4H3  
**InchiKey:** VKUGICGAHXDAAO-UHFFFAOYSA-N  
**Formula:** C11H16O2SSi  
**SMILES:** CSc1ccccc1C(=O)O[Si](C)(C)C  
**Mol. weight [g/mol]:** 240.39

## Physical Properties

Property code	Value	Unit	Source
log10ws	-1.35		Crippen Method
logp	3.400		Crippen Method
rinsol	1674.00		NIST Webbook
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## Sources

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>  
**Crippen Method:** [https://www.chemeo.com/doc/models/crippen\\_log10ws](https://www.chemeo.com/doc/models/crippen_log10ws)  
**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U374603&Units=SI>

## Legend

**log10ws:** Log10 of Water solubility in mol/l  
**logp:** Octanol/Water partition coefficient  
**rinsol:** Non-polar retention indices

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