

Methyl 2-hydroxy-4-methoxybenzoate, tert-butyldimethylsilyl ether

Other names: Methyl 4-methoxysalicylate, tbdms derivative
Inchi: InChI=1S/C15H24O4Si/c1-15(2,3)20(6,7)19-13-10-11(17-4)8-9-12(13)14(16)18-5/h8-10H
InchiKey: RPQWDANSHFKHDS-UHFFFAOYSA-N
Formula: C15H24O4Si
SMILES: COC(=O)c1ccc(OC)cc1O[Si](C)(C)C(C)(C)C
Mol. weight [g/mol]: 296.43

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	3.866		Crippen Method
rinpol	1887.20		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352935&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/28-038-9/Methyl-2-hydroxy-4-methoxybenzoate-tert-butyldimethylsilyl-ether.pdf>

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