

2-Hydroxy-3-methoxybenzoic acid, tert-butyl dimethylsilyl ether, tert-butyl dimethylsilyl ester

Other names: 3-Methoxybenzoic acid, 2thdms derivative

Inchi: InChI=1S/C20H36O4Si2/c1-19(2,3)25(8,9)23-17-15(13-12-14-16(17)22-7)18(21)24-26(10,11)

InchiKey: FRDFBLYPRVHOAS-UHFFFAOYSA-N

Formula: C20H36O4Si2

SMILES: COc1cccc(C(=O)O[Si](C)(C)C(C)(C)C)c1O[Si](C)(C)C(C)(C)C

Mol. weight [g/mol]: 396.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.24		Crippen Method
logp	6.241		Crippen Method
rinpol	2142.00		NIST Webbook

Sources

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

Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352872&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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