2-Hydroxy-4-methoxybenzaldehyde, tert-butyldimethylsilyl ether

Other names: 2-Hydroxy-4-methoxybenzaldehyde, tbdms derivative

Inchi: InChI=1S/C14H22O3Si/c1-14(2,3)18(5,6)17-13-9-12(16-4)8-7-11(13)10-15/h7-10H,1-6H3

InchiKey: MRXWTPQEYTVXDX-UHFFFAOYSA-N

Formula: C14H22O3Si

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

Mol. weight [g/mol]: 266.41

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.10		Crippen Method
logp	3.892		Crippen Method
rinpol	1854.60		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352923&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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