2-Hydroxy-3-methoxybenzaldehyde, trimethylsilyl ether

Other names: O-vanillin, tms derivative
Inchi: InChI=1S/C11H16O3Si/c1-13-10-7-5-6-9(8-12)11(10)14-15(2,3)4/h5-8H,1-4H3
InchiKey: NVFQNBMOSVRDKT-UHFFFAOYSA-N
Formula: C11H16O3Si
SMILES: COc1cccc(C=O)c1O[Si](C)(C)C
Mol. weight [g/mol]: 224.33

Physical Properties

Property code	Value	Unit	Source
log10ws	-0.84		Crippen Method
logp	2.721		Crippen Method
rinpol	1540.00		NIST Webbook
rinpol	1540.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352863&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
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