

# 3,5-Dihydroxybenzoic acid, bis(tert-butyl dimethylsilyl) ether, tert-butyl dimethylsilyl ester

Other names: 3,5-Dihydroxybenzoic acid, 3tbolms derivative

Inchi: InChI=1S/C25H48O4Si3/c1-23(2,3)30(10,11)27-20-16-19(22(26)29-32(14,15)25(7,8)9)17

InchiKey: NJENOBZTCYVXLL-UHFFFAOYSA-N

Formula: C25H48O4Si3

SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1cc(O[Si](C)(C)C(C)(C)C)cc(O[Si](C)(C)C(C)(C)C)c1

Mol. weight [g/mol]: 496.90

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.39		Crippen Method
logp	8.617		Crippen Method
rinpol	2453.80		NIST Webbook
rinpol	2485.00		NIST Webbook
rinpol	2485.00		NIST Webbook
rinpol	2453.80		NIST Webbook
rinpol	2485.00		NIST Webbook

## Sources

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

Crippen Method: [https://www.chemo.com/doc/models/crippen\\_log10ws](https://www.chemo.com/doc/models/crippen_log10ws)

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352808&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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