

# 2,6-Dihydroxybenzoic acid, bis(tert-butyl dimethylsilyl) ether,

Other names: «gamma»-Resorcylic acid, TBDMS  
tert-butyl dimethylsilyl ester  
«gamma»-Resorcylic acid, DMTBS

2,6-Dihydroxybenzoic acid, 3tdms derivative

**Inchi:** InChI=1S/C25H48O4Si3/c1-23(2,3)30(10,11)27-19-17-16-18-20(28-31(12,13)24(4,5)6)2

**InchiKey:** RGEVSCWBCWEWHN-UHFFFAOYSA-N

**Formula:** C25H48O4Si3

**SMILES:** CC(C)(C)[Si](C)(C)OC(=O)c1c(O[Si](C)(C)C(C)(C)C)ccc1O[Si](C)(C)C(C)(C)C

**Mol. weight [g/mol]:** 496.90

## Physical Properties

Property code	Value	Unit	Source
log10ws	-2.39		Crippen Method
logp	8.617		Crippen Method
rinpol	2364.70		NIST Webbook
rinpol	2411.00		NIST Webbook
rinpol	2411.00		NIST Webbook
rinpol	2364.70		NIST Webbook

## Sources

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

**NIST Webbook:** <http://webbook.nist.gov/cgi/cbook.cgi?ID=U352805&Units=SI>

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

## Legend

**log10ws:** Log10 of Water solubility in mol/l

**logp:** Octanol/Water partition coefficient

**rinpol:** Non-polar retention indices

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