Gentisic acid, O,O'-bis(tert-butyldimethylsilyl)-, tert-butyldimethylsilyl ester

Other names: tert-Butyl(dimethyl)silyl 2,5-bis[tert-butyl(dimethyl)silyl]oxymorphobenzoate
Gentisic acid, DMTBS
2,5-Dihydroxybenzoic acid, 3tbdms derivative

Inchi: InChI=1S/C25H48O4Si3/c1-23(2,3)30(10,11)27-19-16-17-21(28-31(12,13)24(4,5)6)20(18

InchiKey: VUDPIPZFGUHBPG-UHFFFAOYSA-N

Formula: C25H48O4Si3

SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1cc(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
logp	8.617		Crippen Method
rinpol	2450.00		NIST Webbook
rinpol	2421.10		NIST Webbook
rinpol	2450.00		NIST Webbook
rinpol	2421.10		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U332902&Units=SI

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

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

Cheméo Relay (1.0):

Cheméo Relay (1.0, beta):

Legend

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices

Latest version available from:

https://www.chemeo.com/cid/124-548-6/Gentisic-acid-O-O-bis-tert-butyldimethylsilyl-tert-butyldimethylsilyl-ester.pdf
Generated by Cheméo on 2026-10-11 09:04:08.284233943 +0000 UTC m=+1718682.259087763.
Cheméo (https://www.chemeo.com) is the biggest free database of chemical and physical data for the process industry.