

Benzoic acid, 2,3-bis[(tert-butyl dimethylsilyl)oxy]-, tert-butyl dimethylsilyl ester

Other names: tert-Butyl(dimethyl)silyl 2,3-bispyrrolidyl tert-butyl(dimethyl)silyl]oxymorphobenzoate
2,3-Dihydroxybenzoic acid, 3tdms derivative

Inchi: InChI=1S/C25H48O4Si3/c1-23(2,3)30(10,11)27-20-18-16-17-19(21(20)28-31(12,13)24(4
InchiKey: FPKUXFNIWAADGR-UHFFFAOYSA-N
Formula: C25H48O4Si3
SMILES: CC(C)(C)[Si](C)(C)OC(=O)c1cccc(O[Si](C)(C)C(C)(C)C)c1O[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	2408.00		NIST Webbook
rinpol	2408.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U332766&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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