Benzoic acid, 2-hydroxy-3-(2,3-dihydroxy-2-methylpropyl), bis-DTBS

Inchi: InChI=1S/C27H46O5Si2/c1-23(2,3)33(24(4,5)6)29-18-27(13,32-33)17-19-15-14-16-20-21

InchiKey: BLPNYOCLCCFTTK-UHFFFAOYSA-N

Formula: C27H46O5Si2

SMILES: CC1(Cc2cccc3c2O[Si](C(C)(C)C)(C(C)(C)C)OC3=O)CO[Si](C(C)(C)C)(C(C)(C)C)O1

Mol. weight [g/mol]: 506.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.68		Crippen Method
logp	7.669		Crippen Method

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R41128&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