

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.cheméo.com/doc/models/crippen_log10ws

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.cheméo.com/cid/91-370-0/Benzoic-acid-2-hydroxy-3-2-3-dihydroxy-2-methylpropyl-bis-DTBS.pdf>

Generated by Cheméo on 2024-04-26 04:36:14.747189663 +0000 UTC m=+16395423.667766984.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.