

Octadecanoic acid, 3-hydroxy, DTBS

Inchi: InChI=1S/C26H52O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-20-21-23-22-24(27)29-30
InchiKey: FJLNFP MJLDDQKD-UHFFFAOYSA-N
Formula: C₂₆H₅₂O₃Si
SMILES: CCCCCCCCCCCCCCCC1CC(=O)O[Si](C(C)(C)C)(C(C)(C)C)O1
Mol. weight [g/mol]: 440.77

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.30		Crippen Method
logp	8.842		Crippen Method
rinpol	2800.00		NIST Webbook
rinpol	2800.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R115445&Units=SI>

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/87-108-6/Octadecanoic-acid-3-hydroxy-DTBS.pdf>

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