Tetradecanoic acid, 2-hydroxy, DTBS

Inchi: InChI=1S/C22H44O3Si/c1-8-9-10-11-12-13-14-15-16-17-18-19-20(23)25-26(24-19,21(2,3
InchiKey: FFNLSEDXTUUUGV-UHFFFAOYSA-N
Formula: C22H44O3Si
SMILES: CCCCCCCCCCCCC1O[Si](C(C)(C)C)(C(C)(C)C)OC1=O
Mol. weight [g/mol]: 384.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.62		Crippen Method
logp	7.282		Crippen Method
rinpol	2385.00		NIST Webbook
rinpol	2385.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=R115490&Units=SI

Legend

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