1,2-Tetradecanediol, DTBS

Inchi: InChI=1S/C22H46O2Si/c1-8-9-10-11-12-13-14-15-16-17-18-20-19-23-25(24-20,21(2,3)4)
InchiKey: IODDGNJZXPADLS-UHFFFAOYSA-N
Formula: C22H46O2Si
SMILES: CCCCCCCCCCCCC1CO[Si](C(C)(C)C)(C(C)(C)C)O1
Mol. weight [g/mol]: 370.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.85		Crippen Method
logp	7.755		Crippen Method
rinpol	2225.00		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=R115247&Units=SI

Legend

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