Dimethyl[bis(tetradecyloxy)]silane

Inchi: InChI=1S/C30H64O2Si/c1-5-7-9-11-13-15-17-19-21-23-25-27-29-31-33(3,4)32-30-28-26-
InchiKey: NLSDDIVVUMPRGE-UHFFFAOYSA-N
Formula: C30H64O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OCCCCCCCCCCCCCC
Mol. weight [g/mol]: 484.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.19		Crippen Method
logp	11.124		Crippen Method
rinpol	2950.80		NIST Webbook
rinpol	2952.10		NIST Webbook
rinpol	2950.80		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U334067&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

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