Silane, dimethyl(dimethylpentyloxysilyloxy)tetradecyloxy

Inchi: InChI=1S/C23H52O3Si2/c1-7-9-11-12-13-14-15-16-17-18-19-21-23-25-28(5,6)26-27(3,4)24-22-20-10-8-2

InchiKey: MEZDWLSUOZZBPL-UHFFFAOYSA-N

Formula: C23H52O3Si2

SMILES: CCCCCCCCCCCCCCO[Si](C)(C)O[Si](C)(C)OCCCCC

Mol. weight [g/mol]: 432.83

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.98		Crippen Method
logp	8.331		Crippen Method
rinpol	2668.00		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=U346818&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices