Silane, dimethyl(3-methylbut-2-enyloxy)tetradecyloxy-

Inchi: InChI=1S/C21H44O2Si/c1-6-7-8-9-10-11-12-13-14-15-16-17-19-22-24(4,5)23-20-18-21(2

InchiKey: CIOOQSDHVMLNPS-UHFFFAOYSA-N

Formula: C21H44O2Si

SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OCC=C(C)C

Mol. weight [g/mol]: 356.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.27		Crippen Method
logp	7.389		Crippen Method
rinpol	2155.00		NIST Webbook
rinpol	2155.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347973&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