Silane, methylvinyl(3-methylbutoxy)tetradecyloxy-

Inchi: InChI=1S/C22H46O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-18-20-23-25(5,7-2)24-21-19-2

InchiKey: MPTLQEDPXFADLD-UHFFFAOYSA-N

Formula: C22H46O2Si

SMILES: C=C[Si](C)(OCCCCCCCCCCCCCC)OCCC(C)C

Mol. weight [g/mol]: 370.68

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.54		Crippen Method
logp	7.564		Crippen Method
rinpol	2272.00		NIST Webbook
rinpol	2272.00		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=U416319&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices