Silane, dimethyl(2-methylbutoxy)pentadecyloxy-

Inchi: InChI=1S/C22H48O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-18-19-20-23-25(4,5)24-21-22

InchiKey: ONDLCGJSRAIVRM-UHFFFAOYSA-N

Formula: C22H48O2Si

SMILES: CCCCCCCCCCCCCCCO[Si](C)(C)OCC(C)CC

Mol. weight [g/mol]: 372.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.60		Crippen Method
logp	7.859		Crippen Method
rinpol	2203.00		NIST Webbook
rinpol	2203.00		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=U347027&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices