Silane, methylvinyl(isobutoxy)tetradecyloxy-

Inchi: InChI=1S/C21H44O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-18-19-22-24(5,7-2)23-20-21(3
InchiKey: YLJVSUKALLGYJL-UHFFFAOYSA-N
Formula: C21H44O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCC)OCC(C)C
Mol. weight [g/mol]: 356.66

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.12		Crippen Method
logp	7.174		Crippen Method
rinpol	2177.00		NIST Webbook
rinpol	2177.00		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=U416407&Units=SI

Legend

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