bis[(3,7-Dimethyloct-6-en-1-yl)oxy](dimethyl)silan

Inchi: InChI=1S/C22H44O2Si/c1-19(2)11-9-13-21(5)15-17-23-25(7,8)24-18-16-22(6)14-10-12-2
InchiKey: ASOBFERBWIUFFN-UHFFFAOYSA-N
Formula: C22H44O2Si
SMILES: CC(C)=CCCC(C)CCO[Si](C)(C)OCCC(C)CCC=C(C)C
Mol. weight [g/mol]: 368.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.06		Crippen Method
logp	7.267		Crippen Method
rinpol	2085.80		NIST Webbook
rinpol	2085.80		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U334090&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