bis[(2E)-Dodec-2-en-1-yloxy](dimethyl)silane

Inchi: InChI=1S/C26H52O2Si/c1-5-7-9-11-13-15-17-19-21-23-25-27-29(3,4)28-26-24-22-20-18-
InchiKey: UEDKJUIQAUAYSD-MBALSZOMSA-N
Formula: C26H52O2Si
SMILES: CCCCCCCCCC=CCO[Si](C)(C)OCC=CCCCCCCCCC
Mol. weight [g/mol]: 424.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.22		Crippen Method
logp	9.115		Crippen Method
rinpol	2620.90		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=U334074&Units=SI

Legend

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