bis(Dec-9-en-1-yloxy)(dimethyl)silane

Inchi: InChI=1S/C22H44O2Si/c1-5-7-9-11-13-15-17-19-21-23-25(3,4)24-22-20-18-16-14-12-10-
InchiKey: YQFKZPJDLIHCCG-UHFFFAOYSA-N
Formula: C22H44O2Si
SMILES: C=CCCCCCCCCO[Si](C)(C)OCCCCCCCCC=C
Mol. weight [g/mol]: 368.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.55		Crippen Method
logp	7.555		Crippen Method
rinpol	2194.00		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=U352653&Units=SI

Legend

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