bis[(4Z)-Dec-4-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: RTAYPUXYDPVRCM-VMNXYWKNSA-N
Formula: C22H44O2Si
SMILES: CCCCCC=CCCCO[Si](C)(C)OCCCC=CCCCCC
Mol. weight [g/mol]: 368.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.55		Crippen Method
logp	7.555		Crippen Method
rinpol	2183.50		NIST Webbook
rinpol	2183.50		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U334103&Units=SI
Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

Legend

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

Latest version available from:
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