1,3-bis([(2Z)-3,7-Dimethylocta-2,6-dien-1-yl]oxy)-1

Other names: 1,3-bis{[(2Z)-3,7-Dimethylocta-2,6-dien-1-yl]oxy}-1,1,3,3-tetramethyldisiloxane
Inchi: InChI=1S/C24H46O3Si2/c1-21(2)13-11-15-23(5)17-19-25-28(7,8)27-29(9,10)26-20-18-24
InchiKey: BBMZRMYTZZWZAH-BOYKQRMESA-N
Formula: C24H46O3Si2
SMILES: CC(C)=CCCC(C)=CCO[Si](C)(C)O[Si](C)(C)OCC=C(C)CCC=C(C)C
Mol. weight [g/mol]: 438.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.81		Crippen Method
logp	7.825		Crippen Method
rinpol	2219.40		NIST Webbook
rinpol	2219.40		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U352642&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

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