

Silane, dimethyldi(trans-3,7-dimethyl-2,6-octadien-1-yloxy)

Inchi: InChI=1S/C22H40O2Si/c1-19(2)11-9-13-21(5)15-17-23-25(7,8)24-18-16-22(6)14-10-12-20
InchiKey: HDGRRBNGEXHOLS-YHARCJFQSA-N
Formula: C22H40O2Si
SMILES: CC(C)=CCCC(C)=CCO[Si](C)(C)OCC=C(C)CCC=C(C)C
Mol. weight [g/mol]: 364.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.25		Crippen Method
logp	7.107		Crippen Method
rinpol	2189.00		NIST Webbook
rinpol	2187.50		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348053&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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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