

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

Other names:	bis{[(2Z)-3,7-Dimethylocta-2,6-dien-1-yl]oxy}(dimethyl)silane
Inchi:	InChI=1S/C22H40O2Si/c1-19(2)11-9-13-21(5)15-17-23-25(7,8)24-18-16-22(6)14-10-12-2
InchiKey:	HDGRRBNGEXHOLS-BMJUYKDLA-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	2102.70		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U352643&Units=SI

Legend

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

Latest version available from:

<https://www.chemeo.com/cid/70-837-5/bis-2Z-3-7-Dimethylocta-2-6-dien-1-yl-oxy-dimethyl-silane.pdf>

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