

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

Inchi: InChI=1S/C18H36O2Si/c1-7-8-9-10-15-19-21(5,6)20-16-14-18(4)13-11-12-17(2)3/h12,14
InchiKey: PJKUUVFCQDVQME-NBVRZTHBSA-N
Formula: C18H36O2Si
SMILES: CCCCCCO[Si](C)(C)OCC=C(C)CCC=C(C)C
Mol. weight [g/mol]: 312.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.87		Crippen Method
logp	5.994		Crippen Method
rinpol	1844.00		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=U348047&Units=SI>

Legend

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

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<https://www.chemeo.com/cid/39-235-8/Silane-dimethyl-trans-3-7-dimethyl-2-6-octadien-1-yloxy-hexyloxy.pdf>

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