

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

Inchi: InChI=1S/C19H38O2Si/c1-7-8-9-10-11-16-20-22(5,6)21-17-15-19(4)14-12-13-18(2)3/h13
InchiKey: APYCUZMXGRSGSC-XDJHFCCHBSA-N
Formula: C19H38O2Si
SMILES: CCCCCCO[Si](C)(C)OCC=C(C)CCC=C(C)C
Mol. weight [g/mol]: 326.59

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.29		Crippen Method
logp	6.385		Crippen Method
rinpol	1937.00		NIST Webbook
rinpol	1937.00		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=U348048&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/55-172-0/Silane-dimethyl-trans-3-7-dimethyl-2-6-octadien-1-yloxy-heptyloxy.pdf>

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