

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

Inchi: InChI=1S/C21H42O2Si/c1-7-8-9-10-11-12-13-18-22-24(5,6)23-19-17-21(4)16-14-15-20(2)
InchiKey: VNTGJFDVQHEZHD-HEHNFIMWSA-N
Formula: C21H42O2Si
SMILES: CCCCCCCCCO[Si](C)(C)OCC=C(C)CCC=C(C)C
Mol. weight [g/mol]: 354.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.13		Crippen Method
logp	7.165		Crippen Method
rinpol	2116.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348050&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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