

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

Inchi: InChI=1S/C24H48O2Si/c1-7-8-9-10-11-12-13-14-15-16-21-25-27(5,6)26-22-20-24(4)19-1
InchiKey: ZHVURUKCPFJVDMU-HIXSDJFHSA-N
Formula: C24H48O2Si
SMILES: CCCCCCCCCCO[Si](C)(C)OCC=C(C)CCC=C(C)C
Mol. weight [g/mol]: 396.72

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.38		Crippen Method
logp	8.335		Crippen Method
rinsol	2393.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348052&Units=SI>

Legend

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

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<https://www.cheméo.com/cid/95-788-3/Silane-dimethyl-trans-3-7-dimethyl-2-6-octadien-1-yloxy-dodecyloxy.pdf>

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