

Silane, dimethyl(2,6-dimethylnon-1-en-3-yn-5-yloxy)octadecyl

Inchi: InChI=1S/C31H60O2Si/c1-8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-28-32-34(6)
InchiKey: VZGCRRLSWQBCRU-UHFFFAOYSA-N
Formula: C31H60O2Si
SMILES: C=C(C)C#CC(O[Si](C)(C)OCCCCCCCCCCCCCCCCCCC)C(C)CCC
Mol. weight [g/mol]: 492.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.12		Crippen Method
logp	10.367		Crippen Method
rinpol	2835.00		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=U347910&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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