

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

Inchi: InChI=1S/C21H40O2Si/c1-8-10-11-12-13-14-18-22-24(6,7)23-21(17-16-19(3)4)20(5)15-9
InchiKey: UHBNFNULXIEINM-UHFFFAOYSA-N
Formula: C₂₁H₄₀O₂Si
SMILES: C=C(C)C#CC(O[Si](C)(C)OCCCCCCCC)C(C)CCC
Mol. weight [g/mol]: 352.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.94		Crippen Method
logp	6.466		Crippen Method
rinpol	1908.00		NIST Webbook
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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=U347906&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/84-768-7/Silane-dimethyl-2-6-dimethylnon-1-en-3-yn-5-yloxy-octyloxy.pdf>

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