

Silane, dimethyl(non-5-yn-3-yloxy)undecyloxy-

Inchi: InChI=1S/C22H44O2Si/c1-6-9-11-13-14-15-16-17-19-21-23-25(4,5)24-22(8-3)20-18-12-1
InchiKey: QGSRJFFIBKSBT-UHFFFAOYSA-N
Formula: C22H44O2Si
SMILES: CCCC#CCC(CC)O[Si](C)(C)OCCCCCCCCCCC
Mol. weight [g/mol]: 368.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.75		Crippen Method
logp	7.224		Crippen Method
rinpol	2158.00		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=U347895&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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<https://www.chemeo.com/cid/84-402-2/Silane-dimethyl-non-5-yn-3-yloxy-undecyloxy.pdf>

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