

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

Inchi: InChI=1S/C29H58O2Si/c1-6-9-11-13-14-15-16-17-18-19-20-21-22-23-24-26-28-30-32(4,
InchiKey: SGKDKWIWAZDFBX-UHFFFAOYSA-N
Formula: C29H58O2Si
SMILES: CCCC#CCC(CC)O[Si](C)(C)OCCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 466.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.68		Crippen Method
logp	9.955		Crippen Method
rinpol	2829.00		NIST Webbook

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=U347897&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/30-052-0/Silane-dimethyl-non-5-yn-3-yloxy-octadecyloxy.pdf>

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