

Silane, dimethyl(hex-4-yn-3-yloxy)tridecyloxy-

Inchi: InChI=1S/C21H42O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-20-22-24(4,5)23-21(8-3)19-7
InchiKey: GSFGZZFRNHPKSN-UHFFFAOYSA-N
Formula: C21H42O2Si
SMILES: CC#CC(CC)O[Si](C)(C)OCCCCCCCCCCCCC
Mol. weight [g/mol]: 354.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.33		Crippen Method
logp	6.834		Crippen Method
rinpol	2100.00		NIST Webbook
rinpol	2100.00		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=U347923&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/80-235-2/Silane-dimethyl-hex-4-yn-3-yloxy-tridecyloxy.pdf>

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