

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

Inchi: InChI=1S/C23H46O2Si/c1-6-9-10-11-12-13-14-15-16-17-18-19-20-22-24-26(4,5)25-23(8)
InchiKey: CADUPLBNEHCCTM-UHFFFAOYSA-N
Formula: C23H46O2Si
SMILES: CC#CC(CC)O[Si](C)(C)OCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 382.70

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.16		Crippen Method
logp	7.614		Crippen Method
rinpol	2283.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347924&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.cheméo.com/cid/69-494-8/Silane-dimethyl-hex-4-yn-3-yloxy-pentadecyloxy.pdf>

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