

Silane, dimethyl(2-methyloct-5-yn-4-yloxy)heptyloxy-

Inchi: InChI=1S/C18H36O2Si/c1-7-9-11-12-13-15-19-21(5,6)20-18(14-10-8-2)16-17(3)4/h17-18
InchiKey: FAFPJHPUMNYJAC-UHFFFAOYSA-N
Formula: C18H36O2Si
SMILES: CCC#CC(CC(C)C)O[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 312.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.83		Crippen Method
logp	5.520		Crippen Method
rinpol	1693.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347959&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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/44-131-7/Silane-dimethyl-2-methyloct-5-yn-4-yloxy-heptyloxy.pdf>

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