

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

Inchi: InChI=1S/C18H36O2Si/c1-6-9-11-13-15-17-19-21(4,5)20-18(8-3)16-14-12-10-7-2/h18H,6
InchiKey: CUWLGAPZXODPK-UHFFFAOYSA-N
Formula: C18H36O2Si
SMILES: CCCC#CCC(CC)O[Si](C)(C)OCCCCCCC
Mol. weight [g/mol]: 312.56

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.07		Crippen Method
logp	5.664		Crippen Method
rinpol	1791.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347893&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/57-688-6/Silane-dimethyl-non-5-yn-3-yloxy-heptyloxy.pdf>

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