

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

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

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.33		Crippen Method
logp	6.834		Crippen Method
rinpol	2071.00		NIST Webbook
rinpol	2071.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347894&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/68-221-1/Silane-dimethyl-non-5-yn-3-yloxy-decyloxy.pdf>

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