

Silane, dimethyldi(2-methyloct-5-yn-4-yloxy)-

Inchi: InChI=1S/C20H36O2Si/c1-9-11-13-19(15-17(3)4)21-23(7,8)22-20(14-12-10-2)16-18(5)6/
InchiKey: XGOLCGDRMSUKAM-UHFFFAOYSA-N
Formula: C20H36O2Si
SMILES: CCC#CC(CC(C)C)O[Si](C)(C)OC(C#CCC)CC(C)C
Mol. weight [g/mol]: 336.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.33		Crippen Method
logp	5.378		Crippen Method
rinpol	1717.00		NIST Webbook
rinpol	1717.00		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=U347961&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/60-323-6/Silane-dimethyldi-2-methyloct-5-yn-4-yloxy.pdf>

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