Silane, dimethyl(2,6-dimethylnon-1-en-3-yn-5-yloxy)butox

Inchi: InChI=1S/C17H32O2Si/c1-8-10-14-18-20(6,7)19-17(13-12-15(3)4)16(5)11-9-2/h16-17H,3

InchiKey: CQDDKXMOGHDXIE-UHFFFAOYSA-N

Formula: C17H32O2Si

SMILES: C=C(C)C#CC(O[Si](C)(C)OCCCC)C(C)CCC

Mol. weight [g/mol]: 296.52

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.26		Crippen Method
logp	4.906		Crippen Method
rinpol	1533.00		NIST Webbook
rinpol	1533.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U347905&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