Silane, diethyl(2,7-dimethyloct-1-en-3-yn-5-yloxy)pentade

Inchi: InChI=1S/C29H56O2Si/c1-8-11-12-13-14-15-16-17-18-19-20-21-22-25-30-32(9-2,10-3)3

InchiKey: UMOGSAVUUIYZMR-UHFFFAOYSA-N

Formula: C29H56O2Si

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

Mol. weight [g/mol]: 464.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.29		Crippen Method
logp	9.587		Crippen Method
rinpol	2628.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U363575&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices