

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

Inchi: InChI=1S/C25H48O2Si/c1-8-11-12-13-14-15-16-17-18-21-26-28(9-2,10-3)27-25(22-24(6))
InchiKey: DSAXMUMFYNXNGA-UHFFFAOYSA-N
Formula: C25H48O2Si
SMILES: C=C(C)C#CC(CC(C)C)O[Si](CC)(CC)OCCCCCCCCCCC
Mol. weight [g/mol]: 408.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.61		Crippen Method
logp	8.027		Crippen Method
rinpol	2250.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363573&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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