

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

Inchi: InChI=1S/C26H50O2Si/c1-8-11-12-13-14-15-16-17-18-19-22-27-29(9-2,10-3)28-26(23-24)
InchiKey: MZADUYULRSDYCT-UHFFFAOYSA-N
Formula: C26H50O2Si
SMILES: C=C(C)C#CC(CC(C)C)O[Si](CC)(CC)OCCCCCCCCCCCCC
Mol. weight [g/mol]: 422.76

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.03		Crippen Method
logp	8.417		Crippen Method
rinpol	2344.00		NIST Webbook
rinpol	2344.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363574&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

Latest version available from:

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