

Silane, diethyldi(dodec-9-ynyloxy)-

Inchi: InChI=1S/C28H52O2Si/c1-5-9-11-13-15-17-19-21-23-25-27-29-31(7-3,8-4)30-28-26-24-2
InchiKey: RODNTRHKSIKEQI-UHFFFAOYSA-N
Formula: C28H52O2Si
SMILES: CCC#CCCCCCCCCO[Si](CC)(CC)OCCCCCCCCC#CCC
Mol. weight [g/mol]: 448.80

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.94		Crippen Method
logp	8.790		Crippen Method
rinpol	2852.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363591&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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:

<https://www.chemeo.com/cid/46-627-5/Silane-diethyldi-dodec-9-ynyloxy.pdf>

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