

Silane, diethyl(dodec-9-ynyloxy)hexadecyloxy-

Inchi: InChI=1S/C32H64O2Si/c1-5-9-11-13-15-17-19-20-21-22-24-26-28-30-32-34-35(7-3,8-4)3
InchiKey: YHCSSZSEPFBRQ-UHFFFAOYSA-N
Formula: C32H64O2Si
SMILES: CCC#CCCCCCCCCO[Si](CC)(CC)OCCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 508.93

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.82		Crippen Method
logp	11.127		Crippen Method
rinpol	3212.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363588&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/48-520-1/Silane-diethyl-dodec-9-ynyloxy-hexadecyloxy.pdf>

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