

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

Inchi: InChI=1S/C31H62O2Si/c1-5-9-11-13-15-17-19-20-21-23-25-27-29-31-33-34(7-3,8-4)32-3
InchiKey: XWLUHKSJWNMQIC-UHFFFAOYSA-N
Formula: C31H62O2Si
SMILES: CCC#CCCCCCCCCO[Si](CC)(CC)OCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 494.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.40		Crippen Method
logp	10.737		Crippen Method
rinpol	3113.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363587&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/60-005-9/Silane-diethyl-dodec-9-ynyloxy-pentadecyloxy.pdf>

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