

Silane, diethyl(dodec-9-ynyloxy)pentyl-oxo-

Inchi: InChI=1S/C21H42O2Si/c1-5-9-11-12-13-14-15-16-17-19-21-23-24(7-3,8-4)22-20-18-10-6
InchiKey: HNFUPONJBXQIDM-UHFFFAOYSA-N
Formula: C21H42O2Si
SMILES: CCC#CCCCCCCCCO[Si](CC)(CC)OCCCCC
Mol. weight [g/mol]: 354.64

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.22		Crippen Method
logp	6.836		Crippen Method
rinpol	2167.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363580&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/55-099-2/Silane-diethyl-dodec-9-ynyloxy-pentyl-oxo->

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