

Silane, chlorodiethyl(dodec-9-ynyloxy)-

Inchi: InChI=1S/C16H31ClOSi/c1-4-7-8-9-10-11-12-13-14-15-16-18-19(17,5-2)6-3/h4-6,9-16H2
InchiKey: ZJXASFIWCLGEQT-UHFFFAOYSA-N
Formula: C16H31ClOSi
SMILES: CCC#CCCCCCCCCO[Si](Cl)(CC)CC
Mol. weight [g/mol]: 302.95

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.19		Crippen Method
logp	5.868		Crippen Method
rinpol	1941.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363592&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/51-297-6/Silane-chlorodiethyl-dodec-9-ynyloxy.pdf>

Generated by Cheméo on 2024-04-26 06:39:45.414070605 +0000 UTC m=+16402834.334647917.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.