

Silane, dimethyl(dodec-9-ynyloxy)dodecyloxy-

Inchi: InChI=1S/C26H52O2Si/c1-5-7-9-11-13-15-17-19-21-23-25-27-29(3,4)28-26-24-22-20-18
InchiKey: RRZUHQCFQWRCLG-UHFFFAOYSA-N
Formula: C26H52O2Si
SMILES: CCC#CCCCCCCCCO[Si](C)(C)OCCCCCCCCCCCC
Mol. weight [g/mol]: 424.78

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.31		Crippen Method
logp	8.786		Crippen Method
rinpol	2638.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347876&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/62-987-8/Silane-dimethyl-dodec-9-ynyloxy-dodecyloxy.pdf>

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