

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

Inchi: InChI=1S/C22H44O2Si/c1-6-9-10-11-12-13-14-15-16-17-20-23-25(7-2,8-3)24-21-18-19-2
InchiKey: RIAQNQVZTVKXAC-UHFFFAOYSA-N
Formula: C22H44O2Si
SMILES: CCC#CCCCCCCCO[Si](CC)(CC)OCCCC(C)C
Mol. weight [g/mol]: 368.67

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.39		Crippen Method
logp	7.082		Crippen Method
rinpol	2218.00		NIST Webbook
rinpol	2218.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U363581&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/18-144-2/Silane-diethyl-dodec-9-ynyloxy-isohexyloxy.pdf>

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