

1-Trihexylsilyloxytridec-2-yne

Inchi: InChI=1S/C31H62OSi/c1-5-9-13-17-18-19-20-21-22-23-24-28-32-33(29-25-14-10-6-2,30)
InchiKey: DIYDGQREDMEXSM-UHFFFAOYSA-N
Formula: C31H62OSi
SMILES: CCCCCCCCCC#CCO[Si](CCCCCC)(CCCCCC)CCCCCC
Mol. weight [g/mol]: 478.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.73		Crippen Method
logp	11.224		Crippen Method
rinpol	3094.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U299529&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/78-145-5/1-Trihexylsilyloxytridec-2-yne.pdf>

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