

1-(Trihexylsilyloxy)pentane

Inchi: InChI=1S/C23H50OSi/c1-5-9-13-17-21-25(22-18-14-10-6-2,23-19-15-11-7-3)24-20-16-12
InchiKey: UPJYBDQOWBSJBZ-UHFFFAOYSA-N
Formula: C₂₃H₅₀OSi
SMILES: CCCCC[Si](CCCCC)(CCCCC)OCCCCC
Mol. weight [g/mol]: 370.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.59		Crippen Method
logp	8.880		Crippen Method
rinpol	2150.00		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=U308322&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/88-657-6/1-Trihexylsilyloxy-pentane.pdf>

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