

1-Octadecanol, trihexylsilyl ether

Inchi: InChI=1S/C36H76OSi/c1-5-9-13-17-18-19-20-21-22-23-24-25-26-27-28-29-33-37-38(34-36)/1-36
InchiKey: YINUQGJGSBMBKZ-UHFFFAOYSA-N
Formula: C36H76OSi
SMILES: CCCCCCCCCCCCCCCCCCO[Si](CCCCCC)(CCCCCC)CCCCCC
Mol. weight [g/mol]: 553.07

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.03		Crippen Method
logp	13.951		Crippen Method
rinpol	3370.00		NIST Webbook
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Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R104975&Units=SI>

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/42-832-1/1-Octadecanol-trihexylsilyl-ether.pdf>

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