

1-(Trihexylsilyloxy)hexadecane

Inchi: InChI=1S/C34H72OSi/c1-5-9-13-17-18-19-20-21-22-23-24-25-26-27-31-35-36(32-28-14-10-6-2-3-4-7-8-11-12-15-16-29-30-33)/i1
InchiKey: NBRVJPSPYLNXM-UHFFFAOYSA-N
Formula: C₃₄H₇₂OSi
SMILES: CCCCCCCCCCCCCCCCCO[Si](CCCCC)(CCCCC)CCCCC
Mol. weight [g/mol]: 525.02

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.19		Crippen Method
logp	13.171		Crippen Method
rinpol	3320.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U308331&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/56-592-3/1-Trihexylsilyloxy-hexadecane.pdf>

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