

1-Undecanol, trihexylsilyl ether

Inchi: InChI=1S/C29H62OSi/c1-5-9-13-17-18-19-20-21-22-26-30-31(27-23-14-10-6-2,28-24-15)
InchiKey: PAFPKGZIPWTKEV-UHFFFAOYSA-N
Formula: C₂₉H₆₂OSi
SMILES: CCCCCCCCCCO[Si](CCCCC)(CCCCC)CCCCC
Mol. weight [g/mol]: 454.89

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.10		Crippen Method
logp	11.220		Crippen Method
rinpol	2795.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=R105052&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.cheméo.com/cid/54-877-9/1-Undecanol-trihexylsilyl-ether.pdf>

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