

1-(Trihexylsilyloxy)decane

Other names:	1-Decanol, trihexylsilyl ether
Inchi:	InChI=1S/C28H60OSi/c1-5-9-13-17-18-19-20-21-25-29-30(26-22-14-10-6-2,27-23-15-11
InchiKey:	OMKVFZNMDBEWIP-UHFFFAOYSA-N
Formula:	C28H60OSi
SMILES:	CCCCCCCCCO[Si](CCCCC)(CCCCC)CCCCC
Mol. weight [g/mol]:	440.86

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.68		Crippen Method
logp	10.830		Crippen Method

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U308326&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/35-137-1/1-Trihexylsilyloxy-decane.pdf>

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