

1-Tripropylsilyloxydecane

Other names:	1-Decanol, tripropylsilyl ether
Inchi:	InChI=1S/C19H42OSi/c1-5-9-10-11-12-13-14-15-16-20-21(17-6-2,18-7-3)19-8-4/h5-19H2
InchiKey:	PXEOFRQJQJKVHE-UHFFFAOYSA-N
Formula:	C19H42OSi
SMILES:	CCCCCCCCCO[Si](CCC)(CCC)CCC
Mol. weight [g/mol]:	314.62

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.91		Crippen Method
logp	7.319		Crippen Method
rinpol	1985.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U279121&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
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/91-896-7/1-Tripropylsilyloxydecane.pdf>

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