

1-Triethylsilyloxytetradecane

Other names:	1-Tetradecanol, triethylsilyl ether
Inchi:	InChI=1S/C20H44OSi/c1-5-9-10-11-12-13-14-15-16-17-18-19-20-21-22(6-2,7-3)8-4/h5-2
InchiKey:	BNFMYWJDZXUPGP-UHFFFAOYSA-N
Formula:	C20H44OSi
SMILES:	CCCCCCCCCCCCCCCCO[Si](CC)(CC)CC
Mol. weight [g/mol]:	328.65
CAS:	163015-55-2

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.33		Crippen Method
logp	7.709		Crippen Method
rinpol	2090.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C163015552&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

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<https://www.chemeo.com/cid/87-292-2/1-Triethylsilyloxytetradecane.pdf>

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