

1-Tripropylsilyloxytetradecane

Other names:	1-Tetradecanol, tripropylsilyl ether
Inchi:	InChI=1S/C23H50OSi/c1-5-9-10-11-12-13-14-15-16-17-18-19-20-24-25(21-6-2,22-7-3)23
InchiKey:	HULVRVUEOWBGON-UHFFFAOYSA-N
Formula:	C23H50OSi
SMILES:	CCCCCCCCCCCCCCCCO[Si](CCC)(CCC)CCC
Mol. weight [g/mol]:	370.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.59		Crippen Method
logp	8.880		Crippen Method
rinpol	2275.00		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U279125&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

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<https://www.chemeo.com/cid/27-964-2/1-Tripropylsilyloxytetradecane.pdf>

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