

Silane, trimethyl(triacontyloxy)-

Other names:	Triacontoxy-trimethylsilane 1-(Trimethylsilyloxy)triacontane Triacontane, 1-trimethylsilyloxy- (Triacontyl)trimethylsilane 1-Triacontanol, trimethylsilyl ether Triacontyl trimethylsilyl ether 1-Triacontanol, tms derivative
Inchi:	InChI=1S/C33H70OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26
InchiKey:	NYOBACFTYJEMSA-UHFFFAOYSA-N
Formula:	C33H70OSi
SMILES:	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	510.99

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.77		Crippen Method
logp	12.781		Crippen Method
rinpol	3327.00		NIST Webbook
rinpol	3333.90		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U351844&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

Latest version available from:

<https://www.chemeo.com/cid/30-065-6/Silane-trimethyl-triacontyloxy.pdf>

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