

Silane, trimethyl(octacosyloxy)-

Other names:	Octacosoxy-trimethylsilane 1-(Trimethylsilyloxy)octacosane Octacosane, 1-trimethylsilyloxy- (Octacosyloxy)trimethylsilane 1-Octacosanol, trimethylsilyl ether Octacosyl trimethylsilyl ether 1-Octacosanol, TMS Octacosanol trimethylsilyl ether
Inchi:	InChI=1S/C31H66OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26
InchiKey:	JDLXTZDOBFWQS-UHFFFAOYSA-N
Formula:	C31H66OSi
SMILES:	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	482.94
CAS:	959269-04-6

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.94		Crippen Method
logp	12.000		Crippen Method
rinpol	3148.00		NIST Webbook
rinpol	3139.00		NIST Webbook
rinpol	3154.00		NIST Webbook
rinpol	3155.00		NIST Webbook
rinpol	3148.00		NIST Webbook
rinpol	3139.00		NIST Webbook
rinpol	3136.30		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C959269046&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci9903071

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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