Silane, trimethyl(tricosyloxy)-

Other names:	Tricosoxy-trimethylsilane 1-(Trimethylsilyloxy)tricosane Tricosane, 1-trimethylsilyloxy- (Tricosyloxy)trimethylsilane 1-Tricosanol, trimethylsilyl ether Tricosyl trimethylsilyl ether 1-Tricosanol, TMS 1-Tricosanol, tms derivative
Inchi:	InChI=1S/C26H56OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-2
InchiKey:	NRKGQLYZSFTWCP-UHFFFAOYSA-N
Formula:	C26H56OSi
SMILES:	CCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	412.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.84		Crippen Method
logp	10.050		Crippen Method
rinpol	2630.00		NIST Webbook
rinpol	2652.00		NIST Webbook
rinpol	2635.80		NIST Webbook
rinpol	2639.70		NIST Webbook
rinpol	2635.80		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U351876&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/45-455-7/Silane-trimethyl-tricosyloxy.pdf

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