Silane, (heneicosyloxy)trimethyl-

Other names:	Heneicosoxy-trimethylsilane
	1-(Trimethylsilyloxy)heneicosane
	Heneicosane, 1-trimethylsilyloxy-
	(Heneicosyl)trimethylsilane
	1-Heneicosanol, trimethylsilyl ether
	Heneicosyl trimethylsilyl ether
	1-Heneicosanol, tms derivative
Inchi:	InChI=1S/C24H52OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-2
InchiKey:	PHOJWPOUCDTTBI-UHFFFAOYSA-N
Formula:	C24H52OSi
SMILES:	CCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	384.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.01		Crippen Method
logp	9.270		Crippen Method
rinpol	2445.20		NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U351879&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/15-378-6/Silane-heneicosyloxy-trimethyl.pdf

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