

Silane, (eicosyloxy)trimethyl-

Other names:	Eicosoxy-trimethylsilane 1-(Trimethylsilyloxy)eicosane Eicosane, 1-trimethylsilyloxy- (Eicosyloxy)trimethylsilane 1-Eicosanol, trimethylsilyl ether Eicosyl trimethylsilyl ether 1-Eicosanol, tms derivative
Inchi:	InChI=1S/C23H50OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25(2
InchiKey:	CFOOEWBGIAYIIK-UHFFFAOYSA-N
Formula:	C23H50OSi
SMILES:	CCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C
Mol. weight [g/mol]:	370.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.59		Crippen Method
logp	8.880		Crippen Method
rinpol	2345.40		NIST Webbook
rinpol	2360.00		NIST Webbook
rinpol	2351.00		NIST Webbook
rinpol	2358.00		NIST Webbook
rinpol	2345.40		NIST Webbook
rinpol	2348.60		NIST Webbook
rinpol	2360.00		NIST Webbook
rinpol	2351.00		NIST Webbook

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U351882&Units=SI

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.cheméo.com/cid/88-656-7/Silane-eicosyloxy-trimethyl.pdf>

Generated by Cheméo on 2025-12-05 17:07:22.770556263 +0000 UTC m=+4702640.300596929.

Cheméo (<https://www.cheméo.com>) is the biggest free database of chemical and physical data for the process industry.