

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/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26

InchiKey: NRKGQLYZSFTWCP-UHFFFAOYSA-N

Formula: C26H56OSi

SMILES: CCCCCCCCCCCCCCCCCCCCCCO[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

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=U351876&Units=SI>

Legend

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

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