

Silane, trimethyl(tetratriacontyloxy)-

Other names: Silane, (tetratriacontoxy)trimethyl-
1-(Trimethylsilyloxy)tetratriacontane
Tetratriacontane, 1-trimethylsilyloxy-
(Tetratriacontyloxy)trimethylsilane
1-Tetratriacontanol, trimethylsilyl ether
Tetratriacontyloxy trimethylsilyl ether

Inchi: InChI=1S/C37H78OSi/c1-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37

InchiKey: JOWQXKPMYJYICM-UHFFFAOYSA-N

Formula: C37H78OSi

SMILES: CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCO[Si](C)(C)C

Mol. weight [g/mol]: 567.10

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.45		Crippen Method
logp	14.341		Crippen Method
rinpol	3726.40		NIST Webbook
rinpol	3726.40		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U351892&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.chemeo.com/cid/78-053-7/Silane-trimethyl-tetratriacontyloxy.pdf>

Generated by Cheméo on 2024-04-20 16:09:00.388872726 +0000 UTC m=+15918589.309450038.

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