

Silane, (heptacosyloxy)trimethyl-

Other names: Heptacosoxy-trimethylsilane
1-(Trimethylsilyloxy)heptacosane
Heptacosane, 1-trimethylsilyloxy-
(Heptacosyloxy)trimethylsilane
1-Heptacosanol, trimethylsilyl ether
Heptacosyl trimethylsilyl ether
1-Heptacosanol, TMS
1-Heptacosanol,tms derivative

Inchi: InChI=1S/C30H64OSi/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

InchiKey: JVIGADMHPGHXTI-UHFFFAOYSA-N

Formula: C30H64OSi

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

Mol. weight [g/mol]: 468.91

Physical Properties

Property code	Value	Unit	Source
log10ws	-9.52		Crippen Method
logp	11.610		Crippen Method
rinpol	3027.00		NIST Webbook
rinpol	3037.00		NIST Webbook
rinpol	3027.00		NIST Webbook
rinpol	3037.00		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=U351846&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/88-407-3/Silane-heptacosyloxy-trimethyl.pdf>

Generated by Cheméo on 2024-04-20 02:27:00.728757151 +0000 UTC m=+15869269.649334464.

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