

Silane, dimethyl(2-hexyloxy)hexadecyloxy-

Inchi: InChI=1S/C24H52O2Si/c1-6-8-10-11-12-13-14-15-16-17-18-19-20-21-23-25-27(4,5)26-2
InchiKey: HPAUESYUYUXUQP-UHFFFAOYSA-N
Formula: C24H52O2Si
SMILES: CCCCCCCCCCCCCCO[Si](C)(C)OC(C)CCCC
Mol. weight [g/mol]: 400.75

Physical Properties

Property code	Value	Unit	Source
log10ws	-6.79		Crippen Method
logp	8.781		Crippen Method
rinpol	2358.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347687&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/26-276-7/Silane-dimethyl-2-hexyloxy-hexadecyloxy.pdf>

Generated by Cheméo on 2024-04-26 21:49:54.344109879 +0000 UTC m=+16457443.264687206.

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