

Silane, dimethyl(2-decyloxy)tetradecyloxy-

Inchi: InChI=1S/C26H56O2Si/c1-6-8-10-12-14-15-16-17-18-19-21-23-25-27-29(4,5)28-26(3)24
InchiKey: UOYCHFYNHRENSU-UHFFFAOYSA-N
Formula: C26H56O2Si
SMILES: CCCCCCCCCCCCCO[Si](C)(C)OC(C)CCCCCCCC
Mol. weight [g/mol]: 428.81

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.63		Crippen Method
logp	9.562		Crippen Method
rinpol	2516.00		NIST Webbook
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Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347627&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/91-926-3/Silane-dimethyl-2-decyloxy-tetradecyloxy.pdf>

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