

Silane, dimethyl(dec-4-enyloxy)tetradecyloxy-

Inchi: InChI=1S/C26H54O2Si/c1-5-7-9-11-13-15-16-17-18-20-22-24-26-28-29(3,4)27-25-23-21
InchiKey: IVHKTMMGFQSYMG-XMHGGMMESA-N
Formula: C26H54O2Si
SMILES: CCCCC=CCCCO[Si](C)(C)OCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 426.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.37		Crippen Method
logp	9.339		Crippen Method
rinpol	2601.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348017&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/18-569-1/Silane-dimethyl-dec-4-enyloxy-tetradecyloxy.pdf>

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