

Silane, methylvinyl(dodecyloxy)dodecyloxy-

Inchi: InChI=1S/C27H56O2Si/c1-5-8-10-12-14-16-18-20-22-24-26-28-30(4,7-3)29-27-25-23-21
InchiKey: XGBLLCYMKYMBNJ-UHFFFAOYSA-N
Formula: C27H56O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)OCCCCCCCCCCCCC
Mol. weight [g/mol]: 440.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.87		Crippen Method
logp	9.659		Crippen Method
rinpol	2665.00		NIST Webbook
rinpol	2665.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416883&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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/94-877-5/Silane-methylvinyl-dodecyloxy-dodecyloxy.pdf>

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