

Silane, methylvinyl(dodecyloxy)propoxy-

Inchi: InChI=1S/C18H38O2Si/c1-5-8-9-10-11-12-13-14-15-16-18-20-21(4,7-3)19-17-6-2/h7H,3,
InchiKey: LNZOFTYWUFOCD-UHFFFAOYSA-N
Formula: C18H38O2Si
SMILES: C=C[Si](C)(OCCC)OCCCCCCCCCCCCC
Mol. weight [g/mol]: 314.58

Physical Properties

Property code	Value	Unit	Source
log10ws	-4.11		Crippen Method
logp	6.148		Crippen Method
rinpol	1843.00		NIST Webbook
rinpol	1843.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416879&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/99-270-3/Silane-methylvinyl-dodecyloxy-propoxy.pdf>

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