

Silane, methylvinyl(2,4,4-trimethylpentyloxy)hexadecyloxy

Inchi: InChI=1S/C27H56O2Si/c1-8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-28-30(7,9-2)2
InchiKey: ACCILAMEDUNXDY-UHFFFAOYSA-N
Formula: C27H56O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCC)OCC(C)CC(C)(C)C
Mol. weight [g/mol]: 440.82

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.39		Crippen Method
logp	9.370		Crippen Method
rinpol	1602.00		NIST Webbook
rinpol	1602.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416585&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

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