

Silane, methylvinyl(2,4-dimethylpent-3-yloxy)octadecyloxy

Inchi: InChI=1S/C28H58O2Si/c1-8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-29-31(7)
InchiKey: XFHSQGIWGQFRFH-UHFFFAOYSA-N
Formula: C28H58O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCCC)OC(C(C)C)C(C)C
Mol. weight [g/mol]: 454.84

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.92		Crippen Method
logp	9.759		Crippen Method
rinpol	2691.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416921&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/98-179-6/Silane-methylvinyl-2-4-dimethylpent-3-yloxy-octadecyloxy.pdf>

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