

Silane, methylvinyl(oct-2-yloxy)octadecyloxy-

Inchi: InChI=1S/C29H60O2Si/c1-6-9-11-13-14-15-16-17-18-19-20-21-22-23-24-26-28-30-32(5,
InchiKey: RAFNAVGFUIYIJW-UHFFFAOYSA-N
Formula: C29H60O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCCCCC)OC(C)CCCCC
Mol. weight [g/mol]: 468.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.82		Crippen Method
logp	10.437		Crippen Method
rinpol	1764.00		NIST Webbook
rinpol	1764.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416339&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/124-348-8/Silane-methylvinyl-oct-2-yloxy-octadecyloxy.pdf>

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