

Silane, methylvinyl(hexadecyloxy)decyloxy-

Inchi: InChI=1S/C29H60O2Si/c1-5-8-10-12-14-16-17-18-19-20-21-23-25-27-29-31-32(4,7-3)30
InchiKey: AKYCYBFPJFTYHM-UHFFFAOYSA-N
Formula: C29H60O2Si
SMILES: C=C[Si](C)(OCCCCCCCCC)OCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 468.87

Physical Properties

Property code	Value	Unit	Source
log10ws	-8.71		Crippen Method
logp	10.439		Crippen Method
rinpol	2863.00		NIST Webbook
rinpol	2863.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416895&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/116-878-9/Silane-methylvinyl-hexadecyloxy-decyloxy.pdf>

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