

Silane, methylvinyl(hexadecyloxy)(methylvinylhexyloxysilyloxy)silyloxy

Inchi: InChI=1S/C28H58O3Si2/c1-7-11-13-15-16-17-18-19-20-21-22-23-24-26-28-30-33(6,10-4)
InchiKey: JBKDFVVGUOIAY-UHFFFAOYSA-N
Formula: C28H58O3Si2
SMILES: C=C[Si](C)(OCCCCC)O[Si](C)(C=C)OCCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 498.93

Physical Properties

Property code	Value	Unit	Source
log10ws	-5.95		Crippen Method
logp	9.692		Crippen Method
rinpol	2684.00		NIST Webbook
rinpol	2684.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416903&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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<https://www.cheméo.com/cid/122-302-0/Silane-methylvinyl-hexadecyloxy-methylvinylhexyloxysilyloxy.pdf>

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