

Silane, methylvinyl(oct-4-yloxy)pentadecyloxy-

Inchi: InChI=1S/C26H54O2Si/c1-6-10-12-13-14-15-16-17-18-19-20-21-22-25-27-29(5,9-4)28-2
InchiKey: UKKFTOCNFCNFBR-UHFFFAOYSA-N
Formula: C₂₆H₅₄O₂Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCC)OC(CCC)CCCC
Mol. weight [g/mol]: 426.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.57		Crippen Method
logp	9.267		Crippen Method
rinpol	2566.00		NIST Webbook
rinpol	2566.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416610&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/95-115-9/Silane-methylvinyl-oct-4-yloxy-pentadecyloxy.pdf>

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