

Silane, methylvinyl(3-methylbutoxy)octadecyloxy-

Inchi: InChI=1S/C26H54O2Si/c1-6-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-24-27-29(5,7)
InchiKey: MZUDZHHTKKQUER-UHFFFAOYSA-N
Formula: C26H54O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCCCCCC)OCCC(C)C
Mol. weight [g/mol]: 426.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-7.21		Crippen Method
logp	9.124		Crippen Method
rinpol	1281.00		NIST Webbook
rinpol	1281.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416323&Units=SI>

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.chemeo.com/cid/95-114-0/Silane-methylvinyl-3-methylbutoxy-octadecyloxy.pdf>

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