

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

Inchi: InChI=1S/C24H50O2Si/c1-6-10-12-13-14-15-16-17-18-19-20-23-25-27(5,9-4)26-24(21-8)
InchiKey: YLGLYFRTOHWRCG-UHFFFAOYSA-N
Formula: C24H50O2Si
SMILES: C=C[Si](C)(OCCCCCCCCCCCCC)OC(CCC)CCCC
Mol. weight [g/mol]: 398.74

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -6.73 | | Crippen Method |
| logp | 8.487 | | Crippen Method |
| rinpol | 2470.00 | | NIST Webbook |
| rinpol | 2470.00 | | 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=U416609&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/83-971-2/Silane-methylvinyl-oct-4-yloxy-tridecyloxy.pdf>

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