

Silane, methylvinyl(pentyloxy)tetradecyloxy-

Inchi: InChI=1S/C22H46O2Si/c1-5-8-10-11-12-13-14-15-16-17-18-20-22-24-25(4,7-3)23-21-19
InchiKey: AJCVUSPWYMMGKA-UHFFFAOYSA-N
Formula: C22H46O2Si
SMILES: C=C[Si](C)(OCCCC)OCCCCCCCCCCCCCCC
Mol. weight [g/mol]: 370.68

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.78 | | Crippen Method |
| logp | 7.708 | | Crippen Method |
| rinpol | 2310.00 | | NIST Webbook |
| rinpol | 2310.00 | | 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=U416354&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/84-420-2/Silane-methylvinyl-pentyloxy-tetradecyloxy.pdf>

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