

Silane, methylvinyl(dodecyloxy)decyloxy-

Inchi: InChI=1S/C25H52O2Si/c1-5-8-10-12-14-16-17-19-21-23-25-27-28(4,7-3)26-24-22-20-18
InchiKey: XXTMWCSHKSCQDL-UHFFFAOYSA-N
Formula: C25H52O2Si
SMILES: C=C[Si](C)(OCCCCCCCCC)OCCCCCCCCCCCC
Mol. weight [g/mol]: 412.76

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -7.04 | | Crippen Method |
| logp | 8.878 | | Crippen Method |
| rinpol | 2471.00 | | NIST Webbook |
| rinpol | 2471.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416881&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

Latest version available from:

<https://www.cheméo.com/cid/90-782-4/Silane-methylvinyl-dodecyloxy-decyloxy.pdf>

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