

Silane, methylvinyl(octyloxy)decyloxy-

Inchi: InChI=1S/C21H44O2Si/c1-5-8-10-12-14-15-17-19-21-23-24(4,7-3)22-20-18-16-13-11-9-6
InchiKey: BXYJTVJFWNDVBQ-UHFFFAOYSA-N
Formula: C₂₁H₄₄O₂Si
SMILES: C=C[Si](C)(OCCCCCCCC)OCCCCCCCCC
Mol. weight [g/mol]: 356.66

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.36 | | Crippen Method |
| logp | 7.318 | | Crippen Method |
| rinpol | 2198.00 | | NIST Webbook |
| rinpol | 2198.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416270&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/96-211-1/Silane-methylvinyl-octyloxy-decyloxy.pdf>

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