

Silane, methylvinyl(2-ethylhexyloxy)nonyloxy-

Inchi: InChI=1S/C20H42O2Si/c1-6-10-12-13-14-15-16-18-21-23(5,9-4)22-19-20(8-3)17-11-7-2/
InchiKey: JKXGHMIXKHVVAY-UHFFFAOYSA-N
Formula: C20H42O2Si
SMILES: C=C[Si](C)(OCCCCCCCCC)OCC(CC)CCCC
Mol. weight [g/mol]: 342.63

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.70 | | Crippen Method |
| logp | 6.784 | | Crippen Method |
| rinpol | 2016.00 | | NIST Webbook |
| rinpol | 2016.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416380&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/95-707-2/Silane-methylvinyl-2-ethylhexyloxy-nonyloxy.pdf>

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