

Silane, methylvinylidi(2-ethylhexyloxy)-

Inchi: InChI=1S/C19H40O2Si/c1-7-12-14-18(9-3)16-20-22(6,11-5)21-17-19(10-4)15-13-8-2/h11-18
InchiKey: RIBNYBODTWHKJC-UHFFFAOYSA-N
Formula: C19H40O2Si
SMILES: C=C[Si](C)(OCC(CC)CCCC)OCC(CC)CCCC
Mol. weight [g/mol]: 328.61

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.04 | | Crippen Method |
| logp | 6.250 | | Crippen Method |
| rinpol | 1555.00 | | NIST Webbook |
| rinpol | 1555.00 | | 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=U416388&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/97-766-5/Silane-methylvinylidi-2-ethylhexyloxy.pdf>

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