

Silane, methylvinyl(isobutoxy)ethoxy-

Inchi: InChI=1S/C9H20O2Si/c1-6-10-12(5,7-2)11-8-9(3)4/h7,9H,2,6,8H2,1,3-5H3
InchiKey: MWZVAHXJYISYBM-UHFFFAOYSA-N
Formula: C9H20O2Si
SMILES: C=C[Si](C)(OCC)OCC(C)C
Mol. weight [g/mol]: 188.34

Physical Properties

| Property code | Value | Unit | Source |
|---------------|--------|------|----------------|
| log10ws | -0.10 | | Crippen Method |
| logp | 2.493 | | Crippen Method |
| rinpol | 981.00 | | NIST Webbook |
| rinpol | 981.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U416394&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307I>

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/97-157-1/Silane-methylvinyl-isobutoxy-ethoxy.pdf>

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