

Silane, methylvinyl(2,4,4-trimethylpentyloxy)(methylvinyl

Inchi: InChI=1S/C21H44O3Si2/c1-10-13-14-15-16-17-22-25(8,11-2)24-26(9,12-3)23-19-20(4)1
InchiKey: SPAOBAMILMPEKO-UHFFFAOYSA-N
Formula: C21H44O3Si2
SMILES: C=C[Si](C)(OCCCCCCC)O[Si](C)(C=C)OCC(C)CC(C)(C)C
Mol. weight [g/mol]: 400.74

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.54 | | Crippen Method |
| logp | 6.673 | | Crippen Method |
| rinpol | 1971.00 | | NIST Webbook |
| rinpol | 1971.00 | | 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=U416592&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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<https://www.chemeo.com/cid/122-508-2/Silane-methylvinyl-2-4-4-trimethylpentyloxy-methylvinylheptyloxysilyloxy.pdf>

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