

Silane, dimethyl(dimethyl(but-2-enyloxy)silyloxy)(but-2-e

Inchi: InChI=1S/C12H26O3Si2/c1-7-9-11-13-16(3,4)15-17(5,6)14-12-10-8-2/h7-10H,11-12H2,1
InchiKey: PVXYZEKSBZHNCNCP-FIFLTTTUSA-N
Formula: C12H26O3Si2
SMILES: CC=CCO[Si](C)(C)O[Si](C)(C)OCC=CC
Mol. weight [g/mol]: 274.50

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | 0.92 | | Crippen Method |
| logp | 3.592 | | Crippen Method |
| rinpol | 1303.00 | | NIST Webbook |
| rinpol | 1303.00 | | 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=U348063&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/121-103-2/Silane-dimethyl-dimethyl-but-2-enyloxy-silyloxy-but-2-enyloxy.pdf>

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