

Silane, dimethyl(dimethyl(dodec-2-enyloxy)silyloxy)ethoxy

Inchi: InChI=1S/C18H40O3Si2/c1-7-9-10-11-12-13-14-15-16-17-18-20-23(5,6)21-22(3,4)19-8-2
InchiKey: WZOUPKUVYDCFMX-WUKNDPDISA-N
Formula: C18H40O3Si2
SMILES: CCCCCCCCCC=CCO[Si](C)(C)O[Si](C)(C)OCC
Mol. weight [g/mol]: 360.68

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.74 | | Crippen Method |
| logp | 6.157 | | Crippen Method |
| rinpol | 1864.00 | | NIST Webbook |
| rinpol | 1864.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U348071&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/119-744-4/Silane-dimethyl-dimethyl-dodec-2-enyloxy-silyloxy-ethoxy.pdf>

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