

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

Inchi: InChI=1S/C19H42O3Si2/c1-7-9-10-11-12-13-14-15-16-17-19-21-24(5,6)22-23(3,4)20-18
InchiKey: CXJMXABVZJRESL-WUKNDPDISA-N
Formula: C19H42O3Si2
SMILES: CCCCCCCCC=CCO[Si](C)(C)O[Si](C)(C)OCCC
Mol. weight [g/mol]: 374.71

Physical Properties

| Property code | Value | Unit | Source |
|---------------|-------|------|----------------|
| log10ws | -2.16 | | Crippen Method |
| logp | 6.547 | | Crippen Method |

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=U348072&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/97-764-7/Silane-dimethyl-dimethyl-dodec-2-enyloxy-silyloxy-propoxy.pdf>

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