

Silane, dimethyl(dimethyl(dec-4-enyloxy)silyloxy)(dec-4-enyloxy)silyloxy

Inchi: InChI=1S/C24H50O3Si2/c1-7-9-11-13-15-17-19-21-23-25-28(3,4)27-29(5,6)26-24-22-20-18
InchiKey: DYSMITIXKRPLHR-YTEMWHBBSA-N
Formula: C24H50O3Si2
SMILES: CCCCCC=CCCCO[Si](C)(C)O[Si](C)(C)OCCCC=CCCCC
Mol. weight [g/mol]: 442.82

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -4.10 | | Crippen Method |
| logp | 8.273 | | Crippen Method |
| rinpol | 2312.00 | | NIST Webbook |
| rinpol | 2312.00 | | 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=U348020&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/39-212-3/Silane-dimethyl-dimethyl-dec-4-enyloxy-silyloxy-dec-4-enyloxy.pdf>

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