

Silane, dimethyl(3-methylbut-2-enyloxy)octyloxy-

Inchi: InChI=1S/C15H32O2Si/c1-6-7-8-9-10-11-13-16-18(4,5)17-14-12-15(2)3/h12H,6-11,13-14
InchiKey: UMAQUABZVBMMSY-UHFFFAOYSA-N
Formula: C15H32O2Si
SMILES: CCCCCCCO[Si](C)(C)OCC=C(C)C
Mol. weight [g/mol]: 272.50

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -2.76 | | Crippen Method |
| logp | 5.048 | | Crippen Method |
| rinpol | 1572.00 | | NIST Webbook |
| rinpol | 1572.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U347968&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws

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.cheméo.com/cid/93-476-1/Silane-dimethyl-3-methylbut-2-enyloxy-octyloxy.pdf>

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