

Silane, diphenyl(3-methylbut-3-en-1-yloxy)nonyloxy-

Inchi: InChI=1S/C26H38O2Si/c1-4-5-6-7-8-9-16-22-27-29(28-23-21-24(2)3,25-17-12-10-13-18-
InchiKey: XNSJSXHJMCLRBX-UHFFFAOYSA-N
Formula: C26H38O2Si
SMILES: C=C(C)CCO[Si](OCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 410.66

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.53 | | Crippen Method |
| logp | 5.993 | | Crippen Method |
| rinpol | 2583.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367812&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/38-560-8/Silane-diphenyl-3-methylbut-3-en-1-yloxy-nonyloxy.pdf>

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