

Silane, diphenyl(dodec-9-yn-1-yloxy)propoxy-

Inchi: InChI=1S/C27H38O2Si/c1-3-5-6-7-8-9-10-11-12-19-25-29-30(28-24-4-2,26-20-15-13-16-17-18)/Si1
InchiKey: JAAFSIXBHZRQOE-UHFFFAOYSA-N
Formula: C27H38O2Si
SMILES: CCC#CCCCCCCCO[Si](OCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 422.67

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.89 | | Crippen Method |
| logp | 5.830 | | Crippen Method |
| rinpol | 2771.00 | | NIST Webbook |

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367743&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/25-446-9/Silane-diphenyl-dodec-9-yn-1-yloxy-propoxy.pdf>

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