

Silane, dimethyl(2-biphenyloxy)octyloxy-

Inchi: InChI=1S/C22H32O2Si/c1-4-5-6-7-8-14-19-23-25(2,3)24-22-18-13-12-17-21(22)20-15-10
InchiKey: YFIZLTIPLGLRCH-UHFFFAOYSA-N
Formula: C22H32O2Si
SMILES: CCCCCCO[Si](C)(C)Oc1cccc1-c1cccc1
Mol. weight [g/mol]: 356.57

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -5.68 | | Crippen Method |
| logp | 6.811 | | Crippen Method |
| rinpol | 2289.00 | | 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=U347348&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/31-154-6/Silane-dimethyl-2-biphenyloxy-octyloxy.pdf>

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