

Silane, diethyloctyloxy(2-phenylphenoxy)-

Inchi: InChI=1S/C24H36O2Si/c1-4-7-8-9-10-16-21-25-27(5-2,6-3)26-24-20-15-14-19-23(24)22-
InchiKey: MGKKZUAVGCAGBA-UHFFFAOYSA-N
Formula: C24H36O2Si
SMILES: CCCCCCO[Si](CC)(CC)Oc1ccccc1-c1ccccc1
Mol. weight [g/mol]: 384.63

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -6.52 | | Crippen Method |
| logp | 7.591 | | Crippen Method |
| rinpol | 2466.00 | | 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=U363281&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/67-916-1/Silane-diethyloctyloxy-2-phenylphenoxy.pdf>

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