

Silane, diphenyldodecyloxy(3-ethylphenoxy)-

Inchi: InChI=1S/C32H44O2Si/c1-3-5-6-7-8-9-10-11-12-19-27-33-35(31-23-15-13-16-24-31,32-2)
InchiKey: AHEJZCHYBRDGEI-UHFFFAOYSA-N
Formula: C32H44O2Si
SMILES: CCCCCCCCCCO[Si](Oc1cccc(CC)c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 488.78

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -15.91 | | Crippen Method |
| logp | 7.822 | | Crippen Method |
| rinpol | 3255.00 | | NIST Webbook |
| rinpol | 3255.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367464&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/13-570-4/Silane-diphenyldodecyloxy-3-ethylphenoxy.pdf>

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