

Silane, diphenyloctyloxy(pent-4-en-2-yloxy)-

Inchi: InChI=1S/C25H36O2Si/c1-4-6-7-8-9-16-22-26-28(27-23(3)17-5-2,24-18-12-10-13-19-24)
InchiKey: OQPWKXMPPTTVSMT-UHFFFAOYSA-N
Formula: C25H36O2Si
SMILES: C=CCC(C)O[Si](OCCCCCCCC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 396.64

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.22 | | Crippen Method |
| logp | 5.601 | | Crippen Method |
| rinpol | 2421.00 | | 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=U367828&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/21-627-2/Silane-diphenyloctyloxy-pent-4-en-2-yloxy.pdf>

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