

3,5-Dimethyl-1-diphenylvinylsilyloxybenzene

Inchi: InChI=1S/C22H22OSi/c1-4-24(21-11-7-5-8-12-21,22-13-9-6-10-14-22)23-20-16-18(2)15-
InchiKey: PRQGAKPBXVXUQX-UHFFFAOYSA-N
Formula: C22H22OSi
SMILES: C=C[Si](Oc1cc(C)cc(C)c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 330.50

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -12.14 | | Crippen Method |
| logp | 4.167 | | Crippen Method |
| rinpol | 2283.00 | | NIST Webbook |
| rinpol | 2283.00 | | 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=U307856&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/67-653-3/3-5-Dimethyl-1-diphenylvinylsilyloxybenzene.pdf>

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