

1-Diphenylvinylsilyloxy-3-methylbenzene

Inchi: InChI=1S/C21H20OSi/c1-3-23(20-13-6-4-7-14-20,21-15-8-5-9-16-21)22-19-12-10-11-18(20-13-6-4-7-14-20,21-15-8-5-9-16-21)
InchiKey: RMWYYZFOTDEECD-UHFFFAOYSA-N
Formula: C₂₁H₂₀OSi
SMILES: C=C[Si](Oc1cccc(C)c1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 316.47

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -11.66 | | Crippen Method |
| logp | 3.859 | | Crippen Method |
| rinpol | 2221.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307854&Units=SI>

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices

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