

1-Diphenylmethylsilyloxy-3-methylbenzene

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|-----------------------------|---|
| Inchi: | InChI=1S/C20H20OSi/c1-17-10-9-11-18(16-17)21-22(2,19-12-5-3-6-13-19)20-14-7-4-8-1 |
| InchiKey: | ALHBRRIGSWCLRO-UHFFFAOYSA-N |
| Formula: | C20H20OSi |
| SMILES: | Cc1cccc(O[Si](C)(c2ccccc2)c2ccccc2)c1 |
| Mol. weight [g/mol]: | 304.46 |

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -11.30 | | Crippen Method |
| logp | 3.764 | | Crippen Method |
| rinpol | 2157.00 | | NIST Webbook |
| rinpol | 2157.00 | | 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=U307872&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/80-445-9/1-Diphenylmethylsilyloxy-3-methylbenzene.pdf>

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