

1-Methyl-2-dimethyl-(allyl)-silyloxybenzene

Inchi: InChI=1S/C12H18OSi/c1-5-10-14(3,4)13-12-9-7-6-8-11(12)2/h5-9H,1,10H2,2-4H3
InchiKey: QKDSUYAOZKQYTG-UHFFFAOYSA-N
Formula: C12H18OSi
SMILES: C=CC[Si](C)(C)Oc1ccccc1C
Mol. weight [g/mol]: 206.36

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -1.65 | | Crippen Method |
| logp | 3.765 | | Crippen Method |
| rinpol | 1321.70 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U292677&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.cheméo.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.cheméo.com/cid/11-083-7/1-Methyl-2-dimethyl-allyl-silyloxybenzene.pdf>

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