

3,4-Dichloro-1-diphenyl(tert-butyl)silyloxybenzene

Inchi: InChI=1S/C22H22Cl2OSi/c1-22(2,3)26(18-10-6-4-7-11-18,19-12-8-5-9-13-19)25-17-14-1
InchiKey: XDUGQSSIXGFIE-UHFFFAOYSA-N
Formula: C22H22Cl2OSi
SMILES: CC(C)(C)[Si](Oc1ccc(Cl)c(Cl)c1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 401.40

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -13.45 | | Crippen Method |
| logp | 5.932 | | Crippen Method |
| rinpol | 2606.00 | | 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=U307868&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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