

Silane, diphenyldi(but-2-en-1-yloxy)-

Inchi: InChI=1S/C20H24O2Si/c1-3-5-17-21-23(22-18-6-4-2,19-13-9-7-10-14-19)20-15-11-8-12-
InchiKey: GYFYYWNFEFAOKA-GGWOSOGESA-N
Formula: C20H24O2Si
SMILES: CC=CCO[Si](OCC=CC)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 324.49

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -10.87 | | Crippen Method |
| logp | 3.428 | | Crippen Method |
| rinpol | 2092.00 | | NIST Webbook |

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367860&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.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.chemeo.com/cid/50-787-3/Silane-diphenyldi-but-2-en-1-yloxy.pdf>

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