

Silane, diphenylisobutoxy(trans-4-methylcyclohexyloxy)-

Inchi: InChI=1S/C23H32O2Si/c1-19(2)18-24-26(22-10-6-4-7-11-22,23-12-8-5-9-13-23)25-21-16
InchiKey: LDGQHSHTNDNTBA-UHFFFAOYSA-N
Formula: C23H32O2Si
SMILES: CC(C)CO[Si](OC1CCC(C)CC1)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 368.58

Physical Properties

| Property code | Value | Unit | Source |
|---------------|---------|------|----------------|
| log10ws | -11.94 | | Crippen Method |
| logp | 4.511 | | Crippen Method |
| rinpol | 2320.00 | | NIST Webbook |

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367755&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/65-204-3/Silane-diphenylisobutoxy-trans-4-methylcyclohexyloxy.pdf>

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