

Silane, diphenyl(3,3-dimethylbut-2-yloxy)pentyl-oxo-

Inchi: InChI=1S/C23H34O2Si/c1-6-7-14-19-24-26(21-15-10-8-11-16-21,22-17-12-9-13-18-22)2
InchiKey: ZFZPDLHRBPBQOL-UHFFFAOYSA-N
Formula: C23H34O2Si
SMILES: CCCCCO[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 370.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.29		Crippen Method
logp	4.901		Crippen Method
rinpol	2177.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367675&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

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/35-006-6/Silane-diphenyl-3-3-dimethylbut-2-yloxy-pentyl-oxo-.pdf>

Generated by Cheméo on 2024-04-20 12:43:33.977317221 +0000 UTC m=+15906262.897894539.

Cheméo (<https://www.chemeo.com>) is the biggest free database of chemical and physical data for the process industry.