

Silane, diphenylpropoxy(2,4,4-trimethylpentyloxy)-

Inchi: InChI=1S/C23H34O2Si/c1-6-17-24-26(21-13-9-7-10-14-21,22-15-11-8-12-16-22)25-19-20
InchiKey: HBLLEJHPPHUNLN-UHFFFAOYSA-N
Formula: C23H34O2Si
SMILES: CCCO[Si](OCC(C)CC(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 370.60

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.94		Crippen Method
logp	4.759		Crippen Method
rinpol	2152.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368049&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>
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/61-504-4/Silane-diphenylpropoxy-2-4-4-trimethylpentyloxy.pdf>

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