

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

Inchi: InChI=1S/C25H38O2Si/c1-6-7-14-19-26-28(23-15-10-8-11-16-23,24-17-12-9-13-18-24)2
InchiKey: CHHLCIOWTDTJOQ-UHFFFAOYSA-N
Formula: C25H38O2Si
SMILES: CCCCCO[Si](OCC(C)CC(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 398.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.78		Crippen Method
logp	5.539		Crippen Method
rinpol	2316.00		NIST Webbook
rinpol	2316.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368052&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/20-407-7/Silane-diphenylpentyloxy-2-4-4-trimethylpentyloxy.pdf>

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