

Silane, diphenyl(3,3-dimethylbut-2-yloxy)isohexyloxy-

Inchi: InChI=1S/C24H36O2Si/c1-20(2)14-13-19-25-27(22-15-9-7-10-16-22,23-17-11-8-12-18-20)
InchiKey: NPJOVXVUJLMSNO-UHFFFAOYSA-N
Formula: C24H36O2Si
SMILES: CC(C)CCCO[Si](OC(C)C(C)(C)C)(c1cccc1)c1cccc1
Mol. weight [g/mol]: 384.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.47		Crippen Method
logp	5.147		Crippen Method
rinpol	2228.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367676&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

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<https://www.chemeo.com/cid/68-926-9/Silane-diphenyl-3-3-dimethylbut-2-yloxy-isohexyloxy.pdf>

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