

Silane, diphenyldi(3,3-dimethylbut-2-yloxy)-

Inchi: InChI=1S/C24H36O2Si/c1-19(23(3,4)5)25-27(21-15-11-9-12-16-21,22-17-13-10-14-18-2)
InchiKey: YCNZAWVQVIAMEF-UHFFFAOYSA-N
Formula: C24H36O2Si
SMILES: CC(O[Si](OC(C)C(C)(C)C)(c1ccccc1)c1ccccc1)C(C)(C)C
Mol. weight [g/mol]: 384.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.58		Crippen Method
logp	5.145		Crippen Method
rinpol	2144.00		NIST Webbook
rinpol	2144.00		NIST Webbook

Sources

Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U367687&Units=SI>

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/13-001-5/Silane-diphenyldi-3-3-dimethylbut-2-yloxy.pdf>

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