

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

Inchi: InChI=1S/C24H36O2Si/c1-20(2)18-25-27(22-13-9-7-10-14-22,23-15-11-8-12-16-23)26-1
InchiKey: SXTZNOWCUBYQGLU-UHFFFAOYSA-N
Formula: C24H36O2Si
SMILES: CC(C)CO[Si](OCC(C)CC(C)(C)C)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 384.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.11		Crippen Method
logp	5.005		Crippen Method
rinpol	2176.00		NIST Webbook
rinpol	2176.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U368050&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci990307l>

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/16-643-0/Silane-diphenylisobutoxy-2-4-4-trimethylpentyloxy.pdf>

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