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

Inchi: InChI=1S/C28H44O2Si/c1-23(19-27(3,4)5)21-29-31(25-15-11-9-12-16-25,26-17-13-10-14
InchiKey: YGXHTTLLUHEJSF-UHFFFAOYSA-N
Formula: C28H44O2Si
SMILES: CC(CO[Si](OCC(C)CC(C)(C)C)(c1ccccc1)c1ccccc1)CC(C)(C)C
Mol. weight [g/mol]: 440.73

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.55		Crippen Method
logp	6.421		Crippen Method
rinpol	2408.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U368064&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