Silane, diphenyl(3-methylpentyloxy)nonyloxy-

Inchi: InChI=1S/C27H42O2Si/c1-4-6-7-8-9-10-17-23-28-30(26-18-13-11-14-19-26,27-20-15-12-
InchiKey: PUKNZCDZTMBJHD-UHFFFAOYSA-N
Formula: C27H42O2Si
SMILES: CCCCCCCCCO[Si](OCCC(C)CC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 426.71

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.85		Crippen Method
logp	6.463		Crippen Method
rinpol	2647.00		NIST Webbook
rinpol	2647.00		NIST Webbook

Sources

Crippen Method: http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367786&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices