Silane, diphenyldodecyloxy(3-methylpentyloxy)-

Inchi: InChI=1S/C30H48O2Si/c1-4-6-7-8-9-10-11-12-13-20-26-31-33(29-21-16-14-17-22-29,30-
InchiKey: SDKVWZGIPZOUQV-UHFFFAOYSA-N
Formula: C30H48O2Si
SMILES: CCCCCCCCCCCCO[Si](OCCC(C)CC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 468.79

Physical Properties

Property code	Value	Unit	Source
log10ws	-15.11		Crippen Method
logp	7.633		Crippen Method
rinpol	2937.00		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=U367789&Units=SI

Legend

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