Silane, diphenylheptyloxy(2-methylpent-3-yloxy)-

Inchi: InChI=1S/C25H38O2Si/c1-5-7-8-9-16-21-26-28(23-17-12-10-13-18-23,24-19-14-11-15-2

InchiKey: BPWVQRKCGYZJJH-UHFFFAOYSA-N

Formula: C25H38O2Si

SMILES: CCCCCCCO[Si](OC(CC)C(C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 398.65

Physical Properties

Property code	Value	Unit	Source
log10ws	-13.13		Crippen Method
logp	5.681		Crippen Method
rinpol	2379.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367560&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