Silane, diphenyl(but-2-en-1-yloxy)pentyloxy-

Inchi: InChI=1S/C21H28O2Si/c1-3-5-13-19-23-24(22-18-6-4-2,20-14-9-7-10-15-20)21-16-11-8-
InchiKey: RGNNIZFNEXNFMV-GQCTYLIASA-N
Formula: C21H28O2Si
SMILES: CC=CCO[Si](OCCCCC)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 340.53

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.44		Crippen Method
logp	4.042		Crippen Method
rinpol	2155.00		NIST Webbook
rinpol	2155.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367851&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