Silane, diphenylbutoxy(pent-4-en-1-yloxy)-

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: HJHFFQAGZRGDET-UHFFFAOYSA-N
Formula: C21H28O2Si
SMILES: C=CCCCO[Si](OCCCC)(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	2126.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367977&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