Silane, diphenyldi(3-methylbut-3-en-1-yloxy)-

Inchi: InChI=1S/C22H28O2Si/c1-19(2)15-17-23-25(24-18-16-20(3)4,21-11-7-5-8-12-21)22-13-9

InchiKey: NIONPLPCHSAOER-UHFFFAOYSA-N

Formula: C22H28O2Si

SMILES: C=C(C)CCO[Si](OCCC(=C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 352.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.71		Crippen Method
logp	4.209		Crippen Method
rinpol	2186.00		NIST Webbook

Sources

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

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U367819&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