4-Diphenylethenylsilyloxy-2-methyloct-5-yne

Inchi: InChI=1S/C23H28OSi/c1-5-7-14-21(19-20(3)4)24-25(6-2,22-15-10-8-11-16-22)23-17-12-

InchiKey: KRNFBLLSJMFCHS-UHFFFAOYSA-N

Formula: C23H28OSi

SMILES: C=C[Si](OC(C#CCC)CC(C)C)(c1ccccc1)c1ccccc1

Mol. weight [g/mol]: 348.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.36		Crippen Method
logp	4.316		Crippen Method
rinpol	2158.00		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=U299562&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices