2,7-Dimethyl-4-diphenylmethylsilyloxyoct-7-en-5-y

Inchi: InChI=1S/C23H28OSi/c1-19(2)16-17-21(18-20(3)4)24-25(5,22-12-8-6-9-13-22)23-14-10-

InchiKey: AALAJLCUQVWPIN-UHFFFAOYSA-N

Formula: C23H28OSi

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

Mol. weight [g/mol]: 348.55

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.27		Crippen Method
logp	4.387		Crippen Method
rinpol	2145.00		NIST Webbook
rinpol	2145.00		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=U299486&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l

logp: Octanol/Water partition coefficient

rinpol: Non-polar retention indices