3,5-Dimethyl-1-diphenylmethylsilyloxybenzene

Inchi: InChI=1S/C21H22OSi/c1-17-14-18(2)16-19(15-17)22-23(3,20-10-6-4-7-11-20)21-12-8-5-
InchiKey: NBFMNINAIMXTCQ-UHFFFAOYSA-N
Formula: C21H22OSi
SMILES: Cc1cc(C)cc(O[Si](C)(c2ccccc2)c2ccccc2)c1
Mol. weight [g/mol]: 318.48

Physical Properties

Property code	Value	Unit	Source
log10ws	-11.78		Crippen Method
logp	4.072		Crippen Method
rinpol	2216.00		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=U307874&Units=SI

Legend

log10ws: Log10 of Water solubility in mol/l
logp: Octanol/Water partition coefficient
rinpol: Non-polar retention indices