1-Diphenylmethylsilyloxy-4-methoxybenzene

Inchi: InChI=1S/C20H20O2Si/c1-21-17-13-15-18(16-14-17)22-23(2,19-9-5-3-6-10-19)20-11-7-4

InchiKey: CILDRJCRFNQSHO-UHFFFAOYSA-N

Formula: C20H20O2Si

SMILES: COc1ccc(O[Si](C)(c2ccccc2)c2ccccc2)cc1

Mol. weight [g/mol]: 320.46

Physical Properties

Property code	Value	Unit	Source
log10ws	-10.95		Crippen Method
logp	3.464		Crippen Method
rinpol	2338.00		NIST Webbook
rinpol	2338.00		NIST Webbook

Sources

NIST Webbook: http://webbook.nist.gov/cgi/cbook.cgi?ID=U307875&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