

1-Diphenyl(tert-butyl)silyloxy-4-methoxybenzene

Inchi: InChI=1S/C23H26O2Si/c1-23(2,3)26(21-11-7-5-8-12-21,22-13-9-6-10-14-22)25-20-17-15
InchiKey: JHVKNMCMXUVYNN-UHFFFAOYSA-N
Formula: C₂₃H₂₆O₂Si
SMILES: COc1ccc(O[Si](c2ccccc2)(c2ccccc2)C(C)(C)C)cc1
Mol. weight [g/mol]: 362.54

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.20		Crippen Method
logp	4.634		Crippen Method
rinpol	2480.00		NIST Webbook

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307866&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

Latest version available from:

<https://www.chemeo.com/cid/37-798-6/1-Diphenyl-tert-butyl-silyloxy-4-methoxybenzene.pdf>

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