

1-Benzyloxy-4-diphenyl(tert-butyl)silyloxybenzene

Inchi: InChI=1S/C29H30O2Si/c1-29(2,3)32(27-15-9-5-10-16-27,28-17-11-6-12-18-28)31-26-21-1
InchiKey: TWIYWEGFCDOVCV-UHFFFAOYSA-N
Formula: C29H30O2Si
SMILES: CC(C)(C)[Si](Oc1ccc(OCc2ccccc2)cc1)(c1ccccc1)c1ccccc1
Mol. weight [g/mol]: 438.63

Physical Properties

Property code	Value	Unit	Source
log10ws	-14.31		Crippen Method
logp	6.204		Crippen Method
rinpol	3346.00		NIST Webbook
rinpol	3346.00		NIST Webbook

Sources

Crippen Method: https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=U307871&Units=SI>
Crippen Method: <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

Legend

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

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