

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

Other names:	Monobenzene, tbdms derivative
Inchi:	InChI=1S/C19H26O2Si/c1-19(2,3)22(4,5)21-18-13-11-17(12-14-18)20-15-16-9-7-6-8-10-
InchiKey:	JWPICNXCAGVLSA-UHFFFAOYSA-N
Formula:	C19H26O2Si
SMILES:	CC(C)(C)[Si](C)(C)Oc1ccc(OCc2ccccc2)cc1
Mol. weight [g/mol]:	314.49

Physical Properties

Property code	Value	Unit	Source
log10ws	-3.96		Crippen Method
logp	5.650		Crippen Method
rinpol	2175.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=U307927&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

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