

P-(phenyldimethylsilyl)phenyl-p-bromophenyl ether

Inchi:	InChI=1S/C20H19BrOSi/c1-23(2,19-6-4-3-5-7-19)20-14-12-18(13-15-20)22-17-10-8-16(2
InchiKey:	XZYXHPRRZBTEJO-UHFFFAOYSA-N
Formula:	C20H19BrOSi
SMILES:	C[Si](C)(c1ccccc1)c1ccc(Oc2ccc(Br)cc2)cc1
Mol. weight [g/mol]:	383.35
CAS:	116402-57-4

Physical Properties

Property code	Value	Unit	Source
log10ws	-12.11		Crippen Method
logp	5.064		Crippen Method

Sources

Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307I
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C116402574&Units=SI

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

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