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/ci990307l

Crippen Method: https://www.chemeo.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