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Typical Product Specifications & Properties

4-Bromodiphenyl ether, 99%

CAS Number: : 101-55-3

Specifications	Limits
Molecular weight	249.10
EINECS	202-952-4
SMILES	<chem>c1(Oc2ccccc2)ccc(Br)cc1</chem>
InChI	1S/C12H9BrO/c13-10-6-8-12(9-7-10)14-11-4-2-1-3-5-11/h1-9H
InChIKey	JDUYPUMQALQRCN-UHFFFAOYSA-N
Flash Point	>230 °F
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
Boiling Point	305 °C
BRN Number	1308972
Refractive Index	1.607
Melting Point	18 °C
Density	1.423 g/mL at 25 °C



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Specifications	Limits
Water solubility	1.450 mg/L
Henry's Law Constant	1.17E-04 atm-m ³ /mole
Melting Point	18.72 °C
Atmospheric OH Rate Constant	5.14E-12 cm ³ /molecule-sec
log P (octanol-water)	4.940
Boiling Point	310.1 °C



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