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Typical Product Specifications & Properties

bromo(fluoro)methane

CAS Number: : 373-52-4

Specifications	Limits
Molecular weight	112.93
SMILES	C(F)Br
InChI	1S/CH2BrF/c2-1-3/h1H2
InChIKey	LHMHCLYDBQOYTO-UHFFFAOYSA-N
log P (octanol-water)	1.120
Atmospheric OH Rate Constant	2.46E-14 cm ³ /molecule-sec
Boiling Point	19 °C
Boiling Point	17-18°C
Density	1,76 g/cm ³
Flash Point	None
Molecular weight	248.28
EINECS	212-668-2



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Specifications	Limits
SMILES	<chem>c12c(\N=N\c3ccccc3)c(ccc1cccc2)O</chem>
InChI	1S/C16H12N2O/c19-15-11-10-12-6-4-5-9-14(12)16(15)18-17-13-7-2-1-3-8-13/h1-11,19H
InChIKey	MRQIXHXHHPWVIL-UHFFFAOYSA-N
Melting Point	131-133 °C
Stability	Incompatible with strong oxidizing agents.
Storage Temperature	Amber Vial, Refrigerator, Under Inert Atmosphere
Water solubility	0.5 g/L (30 °C)
Colour Index	12055
log P (octanol-water)	5.510
Water solubility	0.674 mg/L
Vapor Pressure	7.34E-08 mm Hg
Atmospheric OH Rate Constant	1.83E-11 cm ³ /molecule-sec



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Specifications	Limits
Henry's Law Constant	2.62E-11 atm-m ³ /mole
Melting Point	134 ° C
Form	Powder
Color	Orange to red or brown



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