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Typical Product Specifications & Properties

3-Fluoroacetophenone

CAS Number: : 455-36-7

Specifications	Limits
Molecular weight	138.14
EINECS	207-245-4
SMILES	<chem>c1(cc(cc1)F)C(C)=O</chem>
InChI	1S/C8H7FO/c1-6(10)7-3-2-4-8(9)5-7/h2-5H,1H3
InChIKey	HCEKGPAHZCYRBZ-UHFFFAOYSA-N
Melting Point	-3°C
Refractive Index	1.509
Flash Point	177 °F
BRN Number	907041
Density	1.126 g/mL at 25 °C
Water solubility	Slightly soluble in water.
Boiling Point	81 °C/9 mm Hg



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Specifications	Limits
log P (octanol-water)	1.77
Water solubility	2630 mg/L
Henry's Law Constant	1.14E-05 atm-m ³ /mole
Atmospheric OH Rate Constant	1.13E-12 cm ³ /molecule-sec
Vapor Pressure	0.753 mm Hg



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