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## Typical Product Specifications & Properties

# alpha-Toluenesulfonyl fluoride

CAS Number: : 329-98-6

Specifications	Limits
Molecular weight	174.19
EINECS	206-350-2
SMILES	<chem>c1(CS(=O)(=O)F)ccccc1</chem>
InChI	YBYRMVIVWMBXKQ-UHFFFAOYSA-N
InChIKey	1S/C7H7FO2S/c8-11(9,10)6-7-4-2-1-3-5-7/h1-5H,6H2
Flash Point	222 &deg;F
Boiling Point	112 &deg;C/16 mm Hg
Storage Temperature	2-8&deg;C
Solubility	dry solvents (ethanol, methanol, and 2-propanol): 200 mM Stock solution are stable for months at 4&deg;C.
Sensitive	Moisture Sensitive
BRN Number	2088311
Density	0.797 g/mL at 20 &deg;C



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Specifications	Limits
Water solubility	hydrolysis
Melting Point	92-95 &deg;C



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