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Typical Product Specifications & Properties

O-TOLUENESULFONYL CHLORIDE

CAS Number : 133-59-5

Specifications	Limits
Molecular weight	190.65
EINECS	205-113-0
SMILES	<chem>c1(c(ccc1)C)S(=O)(=O)Cl</chem>
InChI	1S/C7H7ClO2S/c1-6-4-2-3-5-7(6)11(8,9)10/h2-5H,1H3
InChIKey	HDECRAPHCDXMIJ-UHFFFAOYSA-N
Melting Point	10.2 °C
Henry's Law Constant	9.67E-06 atm-m ³ /mole
Water solubility	51.2 mg/L
log P (octanol-water)	3.490
Atmospheric OH Rate Constant	1.22E-12 cm ³ /molecule-sec
Flash Point	>230 °F
BRN Number	973180



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Specifications	Limits
Boiling Point	254 °C
Refractive Index	>1.5580
Melting Point	10°C
Sensitive	Moisture Sensitive
Storage Temperature	Store under inert gas
Water solubility	Soluble in hot alcohol, ether and benzene. Reacts with water.
Density	1.320 g/mL at 25 °C



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