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## Typical Product Specifications & Properties

# 4-(methylsulfonyl)benzenamine

CAS Number: : 5470-49-5

Specifications	Limits
Molecular weight	171.22
EINECS	226-803-8
SMILES	<chem>Nc1ccc(S(=O)(=O)C)cc1</chem>
InChI	1S/C7H9NO2S/c1-11(9,10)7-4-2-6(8)3-5-7/h2-5H,8H2,1H3
InChIKey	XJEVFFNOMKXBLU-UHFFFAOYSA-N
Atmospheric OH Rate Constant	2.41E-11 cm <sup>3</sup> /molecule-sec
pKa Dissociation Constant	1.35
log P (octanol-water)	-0.12
Vapor Pressure	1.25E-04 mm Hg
Henry's Law Constant	4.41E-10 atm-m <sup>3</sup> /mole
Water solubility	7.68E+04 mg/L
Melting Point	243-245&deg;C



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