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## Typical Product Specifications & Properties

# 3,4-Dichlorobenzoic Acid

CAS Number: : 51-44-5

Specifications	Limits
Molecular weight	191.01
SMILES	<chem>c1cc(c(cc1C(=O)O)Cl)Cl</chem>
InChI	1S/C7H4Cl2O2/c8-5-2-1-4(7(10)11)3-6(5)9/h1-3H,(H,10,11)
InChIKey	VPHHJAOJUJHJKD-UHFFFAOYSA-N
Vapor Pressure	4.47E-04 mm Hg
log P (octanol-water)	3.25
Melting Point	350 dec &deg; C
Water solubility	61.1 mg/L
Atmospheric OH Rate Constant	6.68E-13 cm <sup>3</sup> /molecule-sec
pKa Dissociation Constant	3.64
Henry's Law Constant	5.95E-08 atm-m <sup>3</sup> /mole



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