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Typical Product Specifications & Properties

2,4-Dichlorobenzoic Acid

CAS Number: : 50-84-0

Specifications	Limits
Molecular weight	191.01
EINECS	200-067-8
SMILES	<chem>c1(cc(Cl)cc1Cl)C(=O)O</chem>
InChI	1S/C7H4Cl2O2/c8-4-1-2-5(7(10)11)6(9)3-4/h1-3H,(H,10,11)
InChIKey	ATCRIUVQKHMXXSH-UHFFFAOYSA-N
Henry's Law Constant	5.95E-08 atm-m3/mole
Melting Point	164.2 °C
log P (octanol-water)	2.820
pKa Dissociation Constant	2.68
Vapor Pressure	4.47E-04 mm Hg
Water solubility	480 mg/L
Atmospheric OH Rate Constant	8.77E-13 cm3/molecule-sec



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Specifications	Limits
Stability	Stable. Incompatible with strong oxidizing agents.
Water solubility	0.36 g/L (15 °C)
Boiling Point	200 °C
Melting Point	157-160 °C
BRN Number	1868192



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