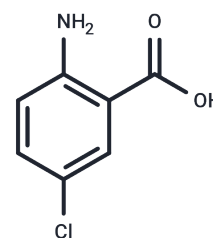


2-Amino-5-chlorobenzoic acid

Chemical Properties

CAS No. :	635-21-2
Formula:	C7H6ClNO2
Molecular Weight:	171.58
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	5-Chloroanthranilic Acid is a metabolite of the pesticide Chlordimeform. It can be used in the preparation of disease-modifying antirheumatic drugs (DMARDs).
Targets(IC50)	Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 50 mg/mL (291.41 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8282 mL	29.1409 mL	58.2819 mL
5 mM	1.1656 mL	5.8282 mL	11.6564 mL
10 mM	0.5828 mL	2.9141 mL	5.8282 mL
50 mM	0.1166 mL	0.5828 mL	1.1656 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Essawy AA, et al. DFT calculations, spectroscopic, thermal analysis and biological activity of Sm(III) and Tb(III) complexes with 2-aminobenzoic and 2-amino-5-chloro-benzoic acids. Spectrochim Acta A Mol Biomol Spectrosc. 2014 Oct 15;131:388-97.

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