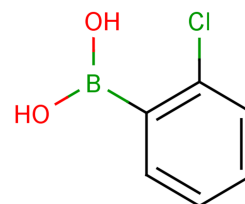


2-Chlorophenylboronic acid

Chemical Properties

CAS No. :	3900-89-8
Formula:	C ₆ H ₆ BClO ₂
Molecular Weight:	156.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	2-Chlorophenylboronic acid is a monohalogenated phenylboronic acid, which is an important pharmaceutical intermediate and is widely used in the synthesis of new drugs. 2-Chlorophenylboronic acid has an inhibitory effect on fatty acid amidase with a K_i value of 0.01-1 μ M, and is used in the study of depression, glaucoma, neuropathic pain, anxiety, migraine, I diabetes and gastritis. , migraine, type I diabetes and gastritis.
Targets(IC50)	FAAH

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.3951 mL	31.9754 mL	63.9509 mL
5 mM	1.279 mL	6.3951 mL	12.7902 mL
10 mM	0.6395 mL	3.1975 mL	6.3951 mL
50 mM	0.1279 mL	0.6395 mL	1.279 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.

Reference

Adams Julian, et al. Preparation of arylboronates as inhibitors of fatty acid amide hydrolase. WO2008063300 A2.

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