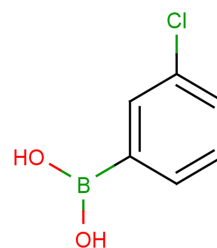


3-Chlorophenylboronic acid

Chemical Properties

CAS No. :	63503-60-6
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	3-Chlorophenylboronic acid, a phenylboronic acid derivative, is an important intermediate in the synthesis of prolyl hydroxylase inhibitors, and can be used to synthesize a variety of compounds. The IC ₅₀ of 3-Chlorophenylboronic acid for lysophospholipase LYPLA2 was 0.418 μM.
Targets(IC ₅₀)	Others

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

Zimmermann TJ, et al. Boron-based inhibitors of acyl protein thioesterases 1 and 2. *Chembiochem*. 2013;14(1): 115-122.

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