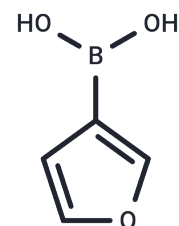


## 3-Furanboronic acid

## Chemical Properties

CAS No. :	55552-70-0
Formula:	C <sub>4</sub> H <sub>5</sub> BO <sub>3</sub>
Molecular Weight:	111.892
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	3-Furanboronic acid is a furanboronic acid in which the furan acts as a $\pi$ -externally oriented heteroaromatic compound. In chemical synthesis, it has good reactivity with various 2-benzofuranboronic acids. With only a small amount of catalyst, it successfully reacts with 3-bromothiophene, 2,3-bromopyridine or 3-bromoquinoline. The coordination between the heteroatom and the palladium center prevents any toxic effects.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.9373 mL	44.6867 mL	89.3735 mL
5 mM	1.7875 mL	8.9373 mL	17.8747 mL
10 mM	0.8937 mL	4.4687 mL	8.9373 mL
50 mM	0.1787 mL	0.8937 mL	1.7875 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.

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