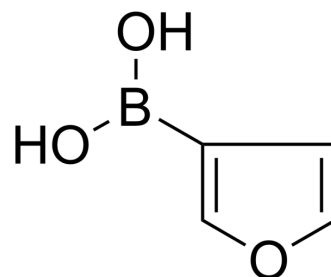


## 3-Furanboronic acid

Cat. No.:	HY-W001222
CAS No.:	55552-70-0
Molecular Formula:	C <sub>4</sub> H <sub>5</sub> BO <sub>3</sub>
Molecular Weight:	111.89
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Powder    -20°C    3 years In solvent   -80°C    6 months -20°C    1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (1117.17 mM; Need ultrasonic)				
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div> <div>Mass</div>	1 mg	5 mg	10 mg
		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
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (18.59 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (18.59 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil				
	Solubility: ≥ 2.08 mg/mL (18.59 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	3-Furanboronic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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