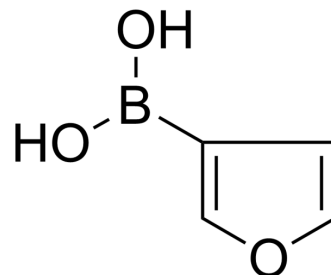


3-Furanboronic acid

Cat. No.:	HY-W001222	
CAS No.:	55552-70-0	
Molecular Formula:	C ₄ H ₅ BO ₃	
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)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	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

- 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
- 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
- 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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