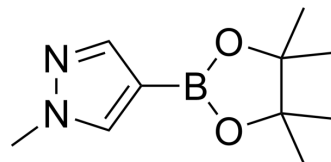


1-Methyl-1H-pyrazole-4-boronic acid pinacol ester

Cat. No.:	HY-I0308		
CAS No.:	761446-44-0		
Molecular Formula:	C ₁₀ H ₁₇ BN ₂ O ₂		
Molecular Weight:	208.07		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (480.61 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.8061 mL	24.0304 mL	48.0607 mL
	5 mM	0.9612 mL	4.8061 mL	9.6121 mL
	10 mM	0.4806 mL	2.4030 mL	4.8061 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: ≥ 2.5 mg/mL (12.02 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (12.02 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (12.02 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

1-Methyl-1H-pyrazole-4-boronic acid pinacol ester 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA