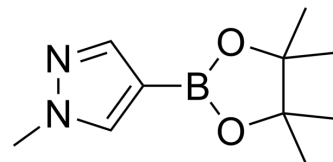


1-Methyl-1H-pyrazole-4-boronic acid pinacol ester

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	<div><div>Solvent</div><div>Concentration</div></div>	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	1. 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					
	2. 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					
	3. 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.
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Caution: Product has not been fully validated for medical applications. For research use only.

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