



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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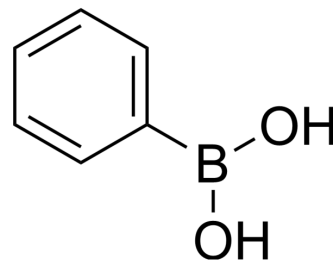
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Phenylboronic acid

Cat. No.:	HY-W001090
CAS No.:	98-80-6
Molecular Formula:	C ₆ H ₇ BO ₂
Molecular Weight:	121.93
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Store at room temperature 3 years In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (820.14 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
		1 mM	8.2014 mL	41.0071 mL	82.0143 mL
		5 mM	1.6403 mL	8.2014 mL	16.4029 mL
		10 mM	0.8201 mL	4.1007 mL	8.2014 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 (20.50 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (20.50 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Phenylboronic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	Benzeneboronic acid is a boronic acid used in Mizuroki Heck and Suzuki Miyaura coupling reactions. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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