



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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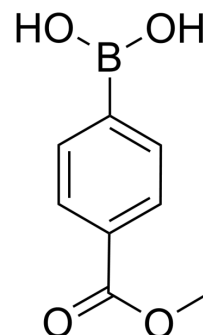
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Methyl 4-boronobenzoate

Cat. No.:	HY-W003977
CAS No.:	99768-12-4
Molecular Formula:	C ₈ H ₉ BO ₄
Molecular Weight:	179.97
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (555.65 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.5565 mL	27.7824 mL	55.5648 mL
	5 mM		1.1113 mL	5.5565 mL	11.1130 mL
	10 mM		0.5556 mL	2.7782 mL	5.5565 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

4-Methoxycarbonylbenzeneboronic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

It is a reagent used for tandem-type Pd(II)-catalyzed oxidative Heck reaction and intramolecular CH amidation sequence, copper-mediated ligandless aerobic fluoroalkylation of arylboronic acids with fluoroalkyl iodides, one-pot ipso-nitration of arylboronic acids, copper-catalyzed Nitration and cyclocondensation followed by palladium-phosphine-catalyzed Suzuki-Miyaura coupling. It is employed as reagent in Reagent used in preparation of biaryls via nickel-catalyzed Suzuki-Miyaura cross-coupling reaction of aryl halides with arylboronic acid, Chromenones and their bradykinin B1 antagonistic activity, Pt nanoparticles on Photoactive metal-organic frameworks resulting in efficient hydrogen evolution via synergistic photoexcitation and electron injection and salicylate-based thienylbenzoic acids as E. coli methionine aminopeptidase inhibitor.

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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