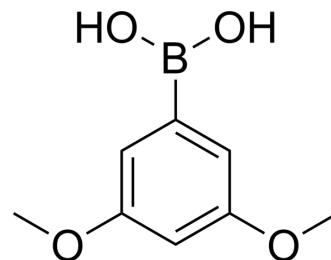


3,5-Dimethoxyphenylboronic acid

Cat. No.:	HY-32920
CAS No.:	192182-54-0
Molecular Formula:	C ₈ H ₁₁ BO ₄
Molecular Weight:	181.98
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	<div>Powder</div> <div>-20°C 3 years</div> <div>4°C 2 years</div> <div>In solvent</div> <div>-80°C 6 months</div> <div>-20°C 1 month</div>



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (549.51 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.4951 mL	27.4755 mL	54.9511 mL
	5 mM		1.0990 mL	5.4951 mL	10.9902 mL
	10 mM		0.5495 mL	2.7476 mL	5.4951 mL

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

BIOLOGICAL ACTIVITY

Description

3,5-Dimethoxyphenylboronic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.

In Vitro

3,5-Dimethoxybenzeneboronic acid is used as reactant for palladium-catalyzed coupling reactions, preparation of benzopyranone derivatives as positive GABAA receptor modulators, preparation of aryl alkenes via three-component coupling catalyzed by palladium and Suzuki-Miyaura coupling. It is also used as reactant for rhodium catalyzed cyanation with N-cyano-N-phenyl-p-methylbenzenesulfonamide and preparation of bisphosphonate inhibitors of human farnesyl pyrophosphate synthase.

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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