

Product Data Sheet

Product Name: 3,5-Dimethoxyphenylboronic Acid

Cat. No.: GD08880

Chemical Properties

Cas. No. 192182-54-0

Formula C₈H₁₁BO₄ M.Wt 181.98

Solubility DMSO : 100 mg/mL (549.51 mM; Storage argon filling
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

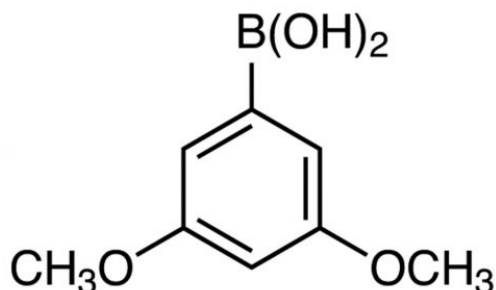
Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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Structure



Background

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

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.

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