

Product Data Sheet

Product Name: 2-Biphenylboronic acid(contains varying amounts of Anhydride)

Cat. No.: GD01987

Chemical Properties

Cas. No. 4688-76-0

Formula

M.Wt

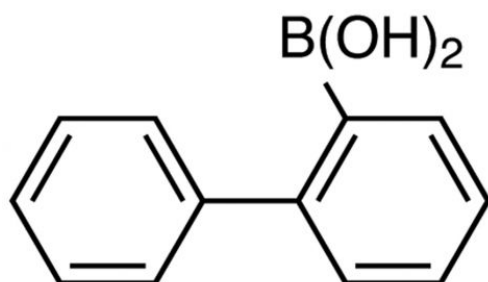
Solubility

Storage

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.

Structure



Background

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

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

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

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2-Biphenylboronic acid is a substrate employed in a palladium-catalyzed cross-coupling with benzylic acetates providing diarylmethanes. It is a reactant involved in Suzuki-Miyaura cross-coupling reactions with arylhalides, dibromovinyl precursors, alkenyl tosylates and mesylates, and quinoline carboxylates. It is involved in intramolecular Friedel-Crafts alkylation for synthesis of chiral tetralins, hydroxylation to phenols and oxidative coupling with alkynes.

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