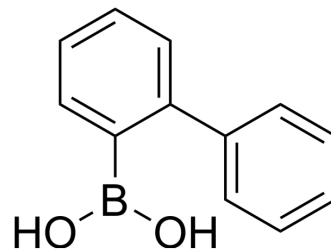


## 2-Biphenylboronic acid

Cat. No.:	HY-W000939		
CAS No.:	4688-76-0		
Molecular Formula:	C <sub>12</sub> H <sub>11</sub> BO <sub>2</sub>		
Molecular Weight:	198.03		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### BIOLOGICAL ACTIVITY

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