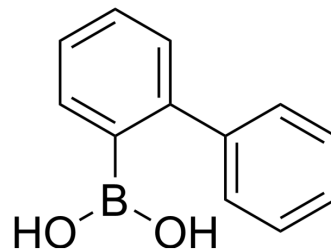


2-Biphenylboronic acid

Cat. No.:	HY-W000939		
CAS No.:	4688-76-0		
Molecular Formula:	C ₁₂ H ₁₁ BO ₂		
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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