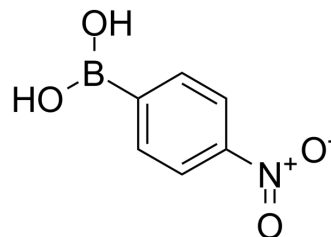


4-Nitrophenylboronic acid

Cat. No.:	HY-50807
CAS No.:	24067-17-2
Molecular Formula:	C ₆ H ₆ BNO ₄
Molecular Weight:	166.93
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	4-Nitrophenylboronic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research.
In Vitro	4-Nitrobenzene boronic acid is an arylboronic acid building block that has been used in the synthesis of phenols. ^{1,2} MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Xu, J., Wang, X., Shao, C., et al. Highly efficient synthesis of phenols by copper-catalyzed oxidative hydroxylation of arylboronic acids at room temperature in water. *Org. Lett.* 12(9)1964-1967(2010)
- [2]. Sawant, SD, Hudwekar, AD, Kumar, KAA, et al. Ligand- and base-free synthesis of phenols by rapid oxidation of arylboronic acids using iron(III) oxide. *Tetrahedron Lett.* 55(4)811-814(2014)

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

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