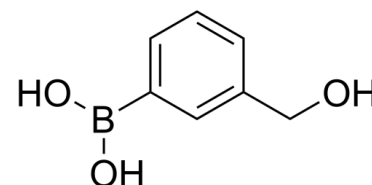


Data Sheet

Product Name:	(3-Hydroxymethyl)phenylboronic acid
Cat. No.:	CS-W007418
CAS No.:	87199-15-3
Molecular Formula:	C ₇ H ₉ BO ₃
Molecular Weight:	151.96
Target:	Biochemical Assay Reagents
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

3-(Hydroxymethyl)phenylboronic acid is a biochemical reagent that can be used as a biological material or organic compound for life science related research. *In Vitro*: Reactant used for copper-mediated trifluoromethylation, copper-catalyzed transformations from arylboronic acids in water, Mitsunobu, Suzuki, and amidation reactions with hydroxyphenylamino bromopyrazinecarboxylate. Reactant involved in the synthesis of biologically active molecules including Mycobacterium tuberculosis H37Rv chorismate mutase inhibitors via Suzuki coupling reactions, HIV protease inhibitors with antiviral activity against drug-resistant viruses, Pyrrole derivatives for use as PDE4B inhibitors.

CAIndexNames:

Boronic acid, B-[3-(hydroxymethyl)phenyl]-

SMILES:

OCC1=CC(B(O)O)=CC=C1

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

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