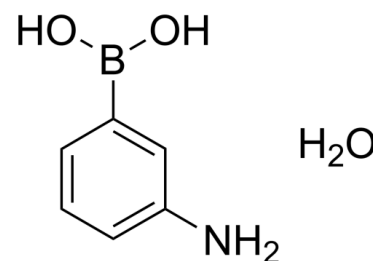


Data Sheet

Product Name:	3-Aminophenylboronic acid monohydrate
Cat. No.:	CS-W000897
CAS No.:	206658-89-1
Molecular Formula:	C ₆ H ₁₀ BNO ₃
Molecular Weight:	154.96
Target:	Biochemical Assay Reagents; Others
Pathway:	Others
Solubility:	10 mM in DMSO



BIOLOGICAL ACTIVITY:

3-Aminophenylboronic acid monohydrate is a biochemical reagent that can be used as a biological material or organic compound for life science related research. *In Vitro*: It is employed as a reagent in the preparation of Suzuki-Miyaura cross-coupling, used for Gram-positive ant virulence drugs and inhibitors of Streptococcus agalactiae Stk1, regioisomer of Zaleplon (a sedative), amphiphilic random glycopolymer, which self-assemble to form NANOPARTICLES, with Potential as a Glucose-Sensitive Matrix, Chemomechanical Polymer that Expands and Contracts in Blood Plasma with High Glucose SELECTIVE Ty. Aminophenylboronic Acid is Also used as a reagent in the preparation of nonbenzodiazepine hypnotic agents.

CAIndexNames:

Boronic acid, B-(3-aminophenyl)-, hydrate (1:1)

SMILES:

OB(C1=CC=CC(N)=C1)O.[H]O[H]

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

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