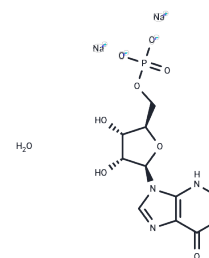


## Inosine 5'-Monophosphate Disodium Salt Hydrate (Standard)

### Chemical Properties

CAS No. :	352195-40-5
Formula:	C <sub>10</sub> H <sub>13</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>9</sub> P
Molecular Weight:	410.18
Storage:	Store at -80°C <small>Actual storage temperature shall be subject to the COA.</small>



### Biological Description

Description	Inosine 5'-Monophosphate Disodium Salt Hydrate (Standard) is the standard substance of Inosine 5'-Monophosphate Disodium Salt Hydrate, and it is applicable for quantitative analysis, quality control, and related research in biochemical experiments. Inosine 5'-monophosphate disodium salt hydrate (Inosine 5'-monophosphate disodium salt), or inosinic acid, is the ribonucleotide of hypoxanthine and the first nucleotide formed during purine synthesis.
Targets(IC50)	Endogenous Metabolite

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.438 mL	12.1898 mL	24.3795 mL
5 mM	0.4876 mL	2.438 mL	4.8759 mL
10 mM	0.2438 mL	1.219 mL	2.438 mL
50 mM	0.0488 mL	0.2438 mL	0.4876 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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