

## 1H-Imidazole-4-acetaldehyde

## Chemical Properties

CAS No. :	645-14-7
Formula:	C <sub>5</sub> H <sub>6</sub> N <sub>2</sub> O
Molecular Weight:	110.12
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	1H-Imidazole-5-acetaldehyde is a metabolic byproduct of histamine degradation.
Targets(IC50)	Drug Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.081 mL	45.405 mL	90.810 mL
5 mM	1.8162 mL	9.081 mL	18.162 mL
10 mM	0.9081 mL	4.5405 mL	9.081 mL
50 mM	0.1816 mL	0.9081 mL	1.8162 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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