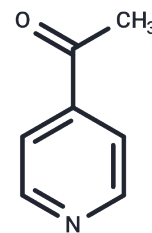


## 4-Acetylpyridine

## Chemical Properties

CAS No. :	1122-54-9
Formula:	C <sub>7</sub> H <sub>7</sub> NO
Molecular Weight:	121.14
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	4-Acetylpyridine is a pyridine derivative widely used in biochemical experiments and drug synthesis research.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 180 mg/mL (1485.88 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.2549 mL	41.2746 mL	82.5491 mL
5 mM	1.651 mL	8.2549 mL	16.5098 mL
10 mM	0.8255 mL	4.1275 mL	8.2549 mL
50 mM	0.1651 mL	0.8255 mL	1.651 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.

## Reference

Malinowski J, et al. Catalytic Properties of Two Complexes of chromium(III) and cobalt(II) with Nitrilotriacetate, Dipicolinate, and 4-Acetylpyridine. Materials (Basel). 2023 Apr 23;16(9):3308.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481