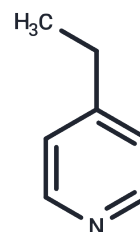


## 4-Ethylpyridine

## Chemical Properties

CAS No. :	536-75-4
Formula:	C7H9N
Molecular Weight:	107.15
Storage:	Powder: -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-Ethylpyridine is a pyridine derivative that can affect the affinity of (±)-[3H]nicotine for the P2 preparation in rat brain.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.3327 mL	46.6636 mL	93.3271 mL
5 mM	1.8665 mL	9.3327 mL	18.6654 mL
10 mM	0.9333 mL	4.6664 mL	9.3327 mL
50 mM	0.1867 mL	0.9333 mL	1.8665 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

Kramer E, Yu S, Ward JS, Rissanen K. Dihydropyridines stabilised by 4-ethylpyridine through O-I-N halogen bonds. Dalton Trans. 2021 Nov 2;50(42):14990-14993.

Kimmett SM, et, al. Mechanism-based inactivation of hepatic cytochrome P450 2C6 and P450 3A1 following in vivo administration of 3,5-diethoxycarbonyl-1,4-dihydro-2,6-dimethyl-4-ethylpyridine to rats: differences from previously observed in vitro results. Can J Physiol Pharmacol. 1994 Apr;72(4):397-401.

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