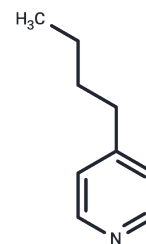


## 4-Butylpyridine

## Chemical Properties

CAS No. :	5335-75-1
Formula:	C <sub>9</sub> H <sub>13</sub> N
Molecular Weight:	135.21
Storage:	Keep away from moisture 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	4-Butylpyridine is a heterocyclic organic chemical compound, 4-Butylpyridine is utilized as a additive in dye-sensitized solar cells (DSSCs). 4-Butylpyridine is a constituent of hole transport materials in perovskite and polymer solar cells, where its primary function is to improve photovoltaic efficiency by effectively reducing undesirable charge recombination processes, 4-Butylpyridine is also identified as a naturally occurring substance in plants such as Mentha arvensis.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.3959 mL	36.9795 mL	73.959 mL
5 mM	1.4792 mL	7.3959 mL	14.7918 mL
10 mM	0.7396 mL	3.698 mL	7.3959 mL
50 mM	0.1479 mL	0.7396 mL	1.4792 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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