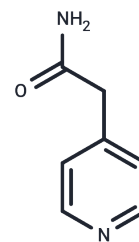


Pyridine-4-Acetamide

Chemical Properties

CAS No. :	39640-62-5
Formula:	C7H8N2O
Molecular Weight:	136.15
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	Pyridine-4-Acetamide (4-Pyridineacetamide) is a pyridine-based ligand involved in the synthesis of W6S8 clusters.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (367.24 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	7.3448 mL	36.7242 mL	73.4484 mL
5 mM	1.469 mL	7.3448 mL	14.6897 mL
10 mM	0.7345 mL	3.6724 mL	7.3448 mL
50 mM	0.1469 mL	0.7345 mL	1.469 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

Oertel CM, et al. Synthesis and characterization of hydrogen-bonded assemblies of W6S8L6 clusters. Inorg Chem. 2005;44(7):2287-2296.

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