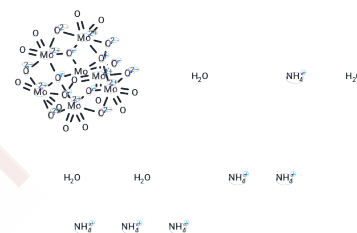


Ammonium Molybdate Tetrahydrate

Chemical Properties

CAS No. :	12054-85-2
Formula:	H32Mo7N6O28
Molecular Weight:	1235.86
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	Ammonium Molybdate Tetrahydrate is primarily used for quantitative or qualitative detection of phosphates, silicates, and arsenates, serves as a molybdenum source in fertiliser additives, and can also function as a negative stain in biochemical staining.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: 50 mg/mL (40.46 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8092 mL	4.0458 mL	8.0915 mL
5 mM	0.1618 mL	0.8092 mL	1.6183 mL
10 mM	0.0809 mL	0.4046 mL	0.8092 mL
50 mM	0.0162 mL	0.0809 mL	0.1618 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

Migni A, et al. Melatonin as a Repairing Agent in Cadmium- and Free Fatty Acid-Induced Lipotoxicity. *Biomolecules*. 2023 Dec 7;13(12):1758.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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