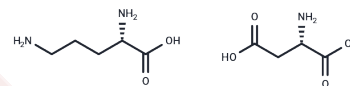


L-Ornithine L-aspartate

Chemical Properties

CAS No. : 3230-94-2
 Formula: C₉H₁₉N₃O₆
 Molecular Weight: 265.26
 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 | L-Ornithine L-aspartate (Ornithine Aspartate) lowers blood ammonia concentration and to eliminate symptoms of hepatic encephalopathy associated with liver cirrhosis. |
| Targets(IC50) | Others,Amino Acids and Derivatives |

Solubility Information

| | |
|------------|---|
| Solubility | H ₂ O: 232 mg/mL (874.61 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.7699 mL | 18.8494 mL | 37.6989 mL |
| 5 mM | 0.754 mL | 3.7699 mL | 7.5398 mL |
| 10 mM | 0.377 mL | 1.8849 mL | 3.7699 mL |
| 50 mM | 0.0754 mL | 0.377 mL | 0.754 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

Sikorska H, et al. [Physiological functions of L-ornithine and L-aspartate in the body and the efficacy of administration of L-ornithine-L-aspartate in conditions of relative deficiency]. Pol Merkur Lekarski. 2010 Jun;28 (168):490-5.

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