

Adenylosuccinic acid tetraammonium

Chemical Properties

CAS No. :

Formula: C₁₄H₃₀N₉O₁₁P

Molecular Weight: 531.42

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Adenylosuccinic Acid Tetraammonium (also known as Adenylosuccinate or Aspartyl Adenylate) is an orally active compound that functions as a purine ribonucleoside monophosphate and is involved in nucleotide cycle metabolism. It can be transformed into fumaric acid via adenylosuccinate lyase action. This compound holds potential for research in Duchenne Muscular Dystrophy (DMD) [1].
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8818 mL	9.4088 mL	18.8175 mL
5 mM	0.3764 mL	1.8818 mL	3.7635 mL
10 mM	0.1882 mL	0.9409 mL	1.8818 mL
50 mM	0.0376 mL	0.1882 mL	0.3764 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.

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: 36 Washington Street, Wellesley Hills, MA 02481