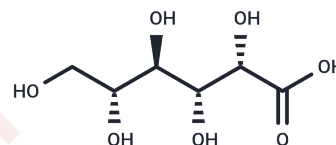


Altronic acid

Chemical Properties

CAS No. :	24871-35-0
Formula:	C6H12O7
Molecular Weight:	196.16
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	Altronic acid comes from Escherichia coli.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0979 mL	25.4894 mL	50.9788 mL
5 mM	1.0196 mL	5.0979 mL	10.1958 mL
10 mM	0.5098 mL	2.5489 mL	5.0979 mL
50 mM	0.102 mL	0.5098 mL	1.0196 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

- HICKMAN J, ASHWELL G. Uronic acid metabolism in bacteria. II. Purification and properties of D-altronic acid and D-mannonic acid dehydrogenases in Escherichia coli. J Biol Chem. 1960 Jun;235:1566-70. PubMed PMID: 14401695.
- SMILEY JD, ASHWELL G. Uronic acid metabolism in bacteria. III. Purification and properties of D-altronic acid and D-mannonic acid dehydrases in Escherichia coli. J Biol Chem. 1960 Jun;235:1571-5. PubMed PMID: 13831814.
- Wen C, Wang Z, Zhang M, Wang S, Geng P, Sun F, Chen M, Lin G, Hu L, Ma J, Wang X. Metabolic changes in rat urine after acute paraquat poisoning and discriminated by support vector machine. Biomed Chromatogr. 2016 Jan;30(1):75-80. doi: 10.1002/bmc.3627. Epub 2015 Nov 11. PubMed PMID: 26419410.
- Dreyer JL. The role of iron in the activation of mannonic and altronic acid hydratases, two Fe-requiring hydrolyses. Eur J Biochem. 1987 Aug 3;166(3):623-30. PubMed PMID: 3038546.

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