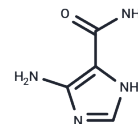
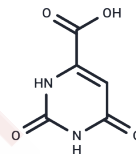


## Orazamide

## Chemical Properties

CAS No. :	2574-78-9
Formula:	C <sub>5</sub> H <sub>4</sub> N <sub>2</sub> O <sub>4</sub> .C <sub>4</sub> H <sub>6</sub> N <sub>4</sub> O
Molecular Weight:	282.21
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	Orazamide may be useful to treat chronic hepatitis and various skin diseases.
Targets(IC50)	Others,Antibacterial

## Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	-----------------------------------------------------------------------------------

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5435 mL	17.7173 mL	35.4346 mL
5 mM	0.7087 mL	3.5435 mL	7.0869 mL
10 mM	0.3543 mL	1.7717 mL	3.5435 mL
50 mM	0.0709 mL	0.3543 mL	0.7087 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

- Chen X, Jing J, Ren W, Han DE, Jing N, Wang G. Determination of 5-aminoimidazole-4-carboxamide in human plasma by ion-pair extraction and LC-MS/MS. *J Chromatogr B Analyt Technol Biomed Life Sci.* 2007 Aug 15;855(2):140-4. Epub 2007 May 10. PubMed PMID: 17561451.
- Pár A, Paál M, Kádas I, Nagy I, Kerekes E, Jávör T. Experiences with Catergen treatment in chronic active hepatitis. *Ther Hung.* 1983;31(3):105-14. PubMed PMID: 6400472.
- Roda E, Sama C, Festi D. [Controlled clinical evaluation of the therapeutic effectiveness of AICA orotate in chronic hepatitis]. *Clin Ter.* 1979 Jun 15;89(5):489-93. Italian. PubMed PMID: 535326.
- MIYAZAWA T, KUMASAKA S. [THE PHARMACOLOGICAL ACTIVITY OF AICA OROTATE IN VARIOUS SKIN DISEASES]. *Hifuka Kiyo.* 1965 Feb;60:76-84. Japanese. PubMed PMID: 14286713.

**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