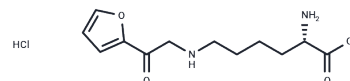


Furosine dihydrochloride

Chemical Properties

CAS No. : 157974-36-2
Formula: C₁₂H₁₉ClN₂O₄
Molecular Weight: 290.74
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Furosine dihydrochloride, an amino acid derivative, is a significant biochemical indicator of initial Maillard reactions. The compound is strongly associated with various diseases, including diabetes.
In vitro	Furosine gradually degrades into various advanced glycation end products (AGEs), some of which are proven to be significantly associated with multiple diseases, including diabetes. A high concentration of AGEs in the human body is deemed detrimental[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4395 mL	17.1975 mL	34.395 mL
5 mM	0.6879 mL	3.4395 mL	6.879 mL
10 mM	0.3439 mL	1.7197 mL	3.4395 mL
50 mM	0.0688 mL	0.3439 mL	0.6879 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.

Reference

Li Y, et, al. Qualitative and quantitative analysis of furosine in fresh and processed ginsengs. J Ginseng Res. 2018 Jan;42(1):21-26.

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