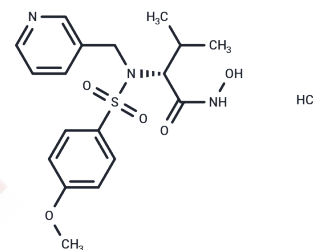


CGS 27023A

Chemical Properties

CAS No. : 161314-82-5
 Formula: C₁₈H₂₄ClN₃O₅S
 Molecular Weight: 429.92
 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	CGS 27023A is a non-peptidic, potent, and orally active stromelysin inhibitor.
Targets(IC50)	MMP

Solubility Information

Solubility	DMSO: 4.3 mg/mL (10 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.326 mL	11.6301 mL	23.2601 mL
5 mM	0.4652 mL	2.326 mL	4.652 mL
10 mM	0.2326 mL	1.163 mL	2.326 mL
50 mM	0.0465 mL	0.2326 mL	0.4652 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

MacPherson LJ, et al. Discovery of CGS 27023A, a non-peptidic, potent, and orally active stromelysin inhibitor that blocks cartilage degradation in rabbits. J Med Chem. 1997 Aug 1;40(16):2525-32.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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