

Ulinastatin

Chemical Properties

CAS No. : 80449-31-6

Formula:

Molecular Weight:

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	Ulinastatin is a multivalent Kunitz-type serine protease inhibitor with anti-inflammatory properties.
Targets(IC50)	Apoptosis,Others,Serine Protease

Solubility Information

Solubility	DMSO: 5.5 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

- Nakahama H , Kuribayashi K , Sugita M , et al. Cytoprotective effect of ulinastatin, a Kunitz-type protease inhibitor, on hypoxic injury in L2 cells treated with antimycin A via stabilization of lysosomal fragility.[J]. Pulmonary Pharmacology & Therapeutics, 1999, 12(1):1-6.
- Bu C, Wang R, Wang Y, et al. Taraxasterol Inhibits Hyperactivation of Macrophages to Alleviate the Sepsis-induced Inflammatory Response of ARDS Rats. Cell Biochemistry and Biophysics. 2022: 1-8.
- Li S T , Dai Q , Zhang S X , et al. Ulinastatin attenuates LPS-induced inflammation in mouse macrophage RAW264.7 cells by inhibiting the JNK/NF- κ B signaling pathway and activating the PI3K/Akt/Nrf2 pathway[J]. Acta Pharmacologica Sinica, 2018.

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