

Elastase from porcine pancreas

Chemical Properties

CAS No. : 39445-21-1

Formula:

Molecular Weight:

Elastase from porcine pancreas

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Porcine pancreatic elastase is a serine protease composed of a single polypeptide chain with 240 amino acid residues. It has the ability to hydrolyze polypeptides and proteins, and can induce emphysema in hamsters.
Targets(IC50)	Others
In vivo	Elastase from the porcine pancreas could induce emphysema in hamsters [3].

Solubility Information

Solubility	H2O: < 0.1 mg/mL (insoluble),Sonication is recommended. < 1 mg/ml refers to the product slightly soluble or insoluble)
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Reference

Shotton DM, et, al. Amino-acid sequence of porcine pancreatic elastase and its homologies with other serine proteinases. Nature. 1970 Feb 28;225(5235):802-6.

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