

For Research Use Only

Protamine sulfate



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Catalog Number: CM07543

产品信息

Catalog Number:
CM07543

CAS号:
9009-65-8

分子式:

主要靶点:
Thrombin

主要通路:
蛋白酶体

溶解度:

H₂O:H₂O : 45.0
mg/mL, Sonification is
recommended.

Protamine sulfate

体外活性

Protamine sulfate has an inhibitory effect on thrombin in the conversion of fibrinogen to fibrin, and this inhibition is concentration dependent, partial, and reversible.[3] Protamine sulfate is a 5-kDa cationic polypeptide derived from salmon sperm that can bind negatively charged unfractionated heparin (UFH). Protamine sulfate down-regulates thrombin generation by inhibiting factor V activation.[4]

描述

Protamine sulfate is a polycationic peptide that serves as an antiheparin agent. This compound can neutralize the anticoagulant action of heparin and enhance lipid-mediated gene transfer.

储存

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

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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