

Elafin(human)

Chemical Properties

CAS No. :

Formula: C254H416N72O75S10

Molecular Weight: 5999.11

Keep away from moisture

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	Elafin, also referred to as elafin-specific inhibitor (ESI) or skin anti-leucoprotease (SKALP), is a protein that serves as a low molecular weight inhibitor of human neutrophil elastase (HNE) and proteinase 3, particularly in the lung. Additionally, Elafin exhibits antibacterial properties against Pseudomonas aeruginosa and Staphylococcus aureus [1] [2] [3].
Targets(IC50)	Antibacterial,Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1667 mL	0.8335 mL	1.6669 mL
5 mM	0.0333 mL	0.1667 mL	0.3334 mL
10 mM	0.0167 mL	0.0833 mL	0.1667 mL
50 mM	0.0033 mL	0.0167 mL	0.0333 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.

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:34 Washington Street,Wellesley Hills,MA 02481