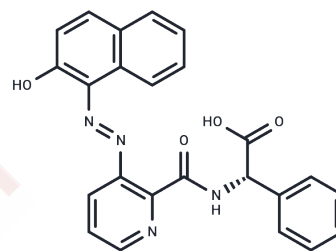


Neutrophil elastase inhibitor 5

Chemical Properties

CAS No. :	3020696-44-7
Formula:	C ₂₄ H ₁₈ N ₄ O ₄
Molecular Weight:	426.42
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	Neutrophilelastase inhibitor 5 (Compound 29) acts as a dual inhibitor of HNE (human neutrophil elastase) and protease 3 (PR3), with IC ₅₀ values of 4.91 μM and 20.69 μM, respectively. Neutrophilelastase inhibitor 5 is applicable for research in neutrophil inflammatory diseases.
Targets(IC ₅₀)	Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3451 mL	11.7255 mL	23.4511 mL
5 mM	0.469 mL	2.3451 mL	4.6902 mL
10 mM	0.2345 mL	1.1726 mL	2.3451 mL
50 mM	0.0469 mL	0.2345 mL	0.469 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