

(R)-BAY-85-8501

Chemical Properties

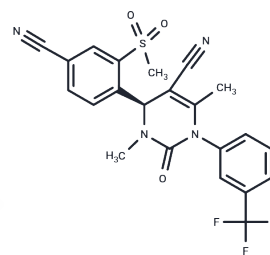
CAS No. :

Formula: C22H17F3N4O3S

Molecular Weight: 474.46

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	(R)-BAY-85-8501 is the less active enantiomer of BAY-85-8501, a selective and potent Human Neutrophil Elastase (HNE) inhibitor with an IC50 of 65 μ M.
Targets(IC50)	Others, Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1077 mL	10.5383 mL	21.0766 mL
5 mM	0.4215 mL	2.1077 mL	4.2153 mL
10 mM	0.2108 mL	1.0538 mL	2.1077 mL
50 mM	0.0422 mL	0.2108 mL	0.4215 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.

Reference

Von Nussbaum F, et al. Freezing the Bioactive Conformation to Boost Potency: The Identification of BAY 85-8501, a Selective and Potent Inhibitor of Human Neutrophil Elastase for Pulmonary Diseases. ChemMedChem. 2015 Jul;10 (7):1163-73.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481