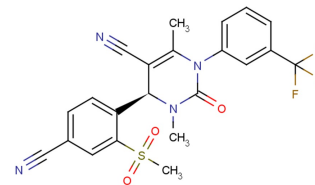


(R)-BAY-85-8501

## Chemical Properties

CAS No.:	T12613
Formula:	C <sub>22</sub> H <sub>17</sub> F <sub>3</sub> N <sub>4</sub> O <sub>3</sub> S
Molecular Weight:	474.46
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	(R)-BAY-85-8501 is the less active enantiomer of BAY-85-8501. BAY-85-8501 is a selective and potent Human Neutrophil Elastase (HNE)inhibitor(IC <sub>50</sub> of 65 pM).
Targets(IC <sub>50</sub> )	Others: None

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
------------	---

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.108 mL	10.538 mL	21.077 mL
5 mM	0.422 mL	2.108 mL	4.215 mL
10 mM	0.211 mL	1.054 mL	2.108 mL
50 mM	0.042 mL	0.211 mL	0.422 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use.

Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481