

## 5-LOX/NO-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>22</sub>H<sub>18</sub>N<sub>6</sub>O<sub>4</sub>

Molecular Weight: 430.42

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	5-LOX/NO-IN-1 (Compound 7e) is a dual inhibitor of 5-LOX and nitric oxide release. It exhibits an IC <sub>50</sub> value of 2.833 $\mu$ M for 5-LOX and demonstrates anti-inflammatory properties.
Targets(IC <sub>50</sub> )	NO Synthase,Lipoxygenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3233 mL	11.6166 mL	23.2331 mL
5 mM	0.4647 mL	2.3233 mL	4.6466 mL
10 mM	0.2323 mL	1.1617 mL	2.3233 mL
50 mM	0.0465 mL	0.2323 mL	0.4647 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

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