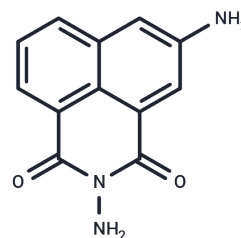


MPO-IN-8

## Chemical Properties

CAS No. : 62578-87-4  
 Formula: C<sub>12</sub>H<sub>9</sub>N<sub>3</sub>O<sub>2</sub>  
 Molecular Weight: 227.22  
 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	MPO-IN-8, an orally active myeloperoxidase (MPO) inhibitor, effectively inhibits the production of hypochlorous acid in neutrophils and the release of extracellular traps (NETosis). In mice exhibiting gouty arthritis, it reduces swelling, decreases peroxidase activity, and lowers IL-1 $\beta$ levels.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.401 mL	22.0051 mL	44.0102 mL
5 mM	0.8802 mL	4.401 mL	8.802 mL
10 mM	0.4401 mL	2.2005 mL	4.401 mL
50 mM	0.088 mL	0.4401 mL	0.8802 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481