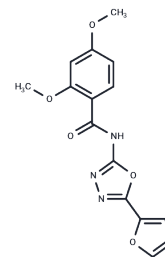


## MIF-IN-1

## Chemical Properties

CAS No. :	851095-20-0
Formula:	C <sub>15</sub> H <sub>13</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	315.28
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	MIF-IN-1 (compound 14) is a potent inhibitor of macrophage migration inhibitory factor (MIF) with a pIC <sub>50</sub> of 6.87, targeting a proinflammatory cytokine linked to various diseases, including neurodegenerative disorders [1].
Targets(IC <sub>50</sub> )	Others, MIF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1718 mL	15.8589 mL	31.7178 mL
5 mM	0.6344 mL	3.1718 mL	6.3436 mL
10 mM	0.3172 mL	1.5859 mL	3.1718 mL
50 mM	0.0634 mL	0.3172 mL	0.6344 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