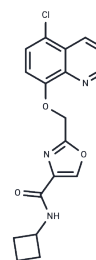


## IL4I1-IN-1

## Chemical Properties

CAS No. :	3082703-49-6
Formula:	C <sub>18</sub> H <sub>16</sub> ClN <sub>3</sub> O <sub>3</sub>
Molecular Weight:	357.79
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	IL4I1-IN-1 is a selective inhibitor of interleukin 4 induced protein 1 (IL4I1). It suppresses the IL4I1-mediated oxidation and deamination of phenylalanine, thereby reducing the production of phenylpyruvate, H <sub>2</sub> O <sub>2</sub> , and NH <sub>3</sub> . This compound holds potential for research into cancers with high IL4I1 expression, such as endometrial cancer, ovarian cancer, and triple-negative breast cancer.
Targets(IC50)	Interleukin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7949 mL	13.9747 mL	27.9494 mL
5 mM	0.559 mL	2.7949 mL	5.5899 mL
10 mM	0.2795 mL	1.3975 mL	2.7949 mL
50 mM	0.0559 mL	0.2795 mL	0.559 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