

## MEL24

## Chemical Properties

CAS No. : 642072-48-8

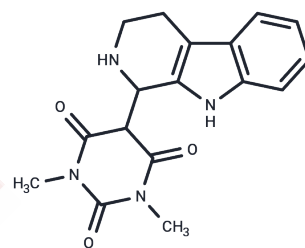
Formula: C17H18N4O3

Molecular Weight: 326.35

Keep away from direct sunlight

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	MEL24, an Mdm2 E3 ligase inhibitor, diminishes cell viability and enhances sensitivity to DNA-damaging agents in a p53-dependent manner, suggesting its potential for in vitro antitumor research [1].
Targets(IC50)	Others,Ligands for E3 Ligase
In vitro	MEL24 targets 293T cells with an ED50 of 9.2 $\mu$ M [1]. At a concentration of 15 $\mu$ M for 6 hours, MEL24 elevates the levels of Mdm2, p53, and MdmX, activating p53, and inhibiting the degradation of endogenous MdmX in HCT116 cells (p53 wild-type) [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0642 mL	15.321 mL	30.6419 mL
5 mM	0.6128 mL	3.0642 mL	6.1284 mL
10 mM	0.3064 mL	1.5321 mL	3.0642 mL
50 mM	0.0613 mL	0.3064 mL	0.6128 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