

YF438

## Chemical Properties

CAS No. : 2247210-09-7

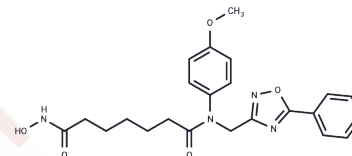
Formula: C<sub>23</sub>H<sub>26</sub>N<sub>4</sub>O<sub>5</sub>

Molecular Weight: 438.48

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	YF438 is an HDAC inhibitor that demonstrates potent anti-cancer activity both in vitro and in vivo. It inhibits the growth and metastasis of triple-negative breast cancer (TNBC) cells by blocking the interaction between HDAC and MDM2, inducing the dissociation of MDM2 from MDMX, and promoting the degradation of MDM2.
Targets(IC50)	HDAC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2806 mL	11.403 mL	22.8061 mL
5 mM	0.4561 mL	2.2806 mL	4.5612 mL
10 mM	0.2281 mL	1.1403 mL	2.2806 mL
50 mM	0.0456 mL	0.2281 mL	0.4561 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