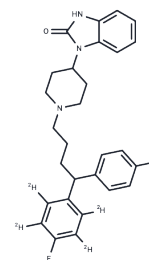


## Pimozide-D4

## Chemical Properties

CAS No. :	1803193-57-8
Formula:	C <sub>28</sub> H <sub>29</sub> F <sub>2</sub> N <sub>3</sub> O
Molecular Weight:	465.57
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	Pimozide-D4 is a deuterium labeled Pimozide (TMSM-3626).
Targets(IC50)	Adrenergic Receptor,STAT,Dopamine Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1479 mL	10.7395 mL	21.479 mL
5 mM	0.4296 mL	2.1479 mL	4.2958 mL
10 mM	0.2148 mL	1.074 mL	2.1479 mL
50 mM	0.043 mL	0.2148 mL	0.4296 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.

## Reference

- Ybema CE, et al. Adrenoceptors and dopamine receptors are not involved in the discriminative stimulus effect of the 5-HT<sub>1A</sub> receptor agonist flesinoxan. *Eur J Pharmacol.* 1994 Apr 21;256(2):141-7.
- Cai N, et al. The STAT3 inhibitor pimozide impedes cell proliferation and induces ROS generation in human osteosarcoma by suppressing catalase expression. *Am J Transl Res.* 2017 Aug 15;9(8):3853-3866. eCollection 2017.
- Erik A. Nelson, et al. The STAT5 inhibitor pimozide decreases survival of chronic myelogenous leukemia cells resistant to kinase inhibitors. *Blood.* 2011 Mar 24; 117(12): 3421-3429.

**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