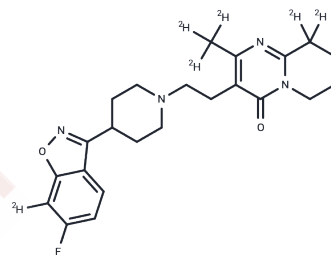


Risperidone-D6

Chemical Properties

CAS No. :	1225444-65-4
Formula:	C23H27FN4O2
Molecular Weight:	416.52
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	Risperidone-D6 (R 64 766-D6) is the deuterated form of Risperidone. Risperidone (T0351) functions as a blocker of the 5-HT2 receptor, an inhibitor of P-glycoprotein (P-Glycoprotein), and an antagonist of the dopamine D2 receptor, with Ki values of 4.8 nM and 5.9 nM for the 5-HT2A and dopamine D2 receptors, respectively.
Targets(IC50)	5-HT Receptor,Dopamine Receptor,P-gp

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4008 mL	12.0042 mL	24.0085 mL
5 mM	0.4802 mL	2.4008 mL	4.8017 mL
10 mM	0.2401 mL	1.2004 mL	2.4008 mL
50 mM	0.048 mL	0.2401 mL	0.4802 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