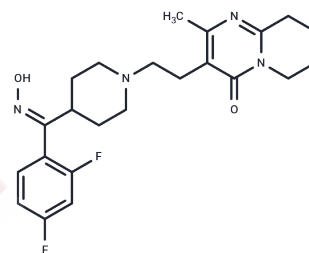


Risperidone E-oxime

Chemical Properties

CAS No. :	691007-09-7
Formula:	C23H28F2N4O2
Molecular Weight:	430.49
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 E-oxime is an impurity of Risperidone, a serotonin 5-HT ₂ receptor blocker, P-glycoprotein inhibitor, and potent dopamine D ₂ receptor antagonist (K _i s of 4.8 and 5.9 nM for 5-HT _{2A} and dopamine D ₂ receptors, respectively).
Targets(IC ₅₀)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3229 mL	11.6147 mL	23.2293 mL
5 mM	0.4646 mL	2.3229 mL	4.6459 mL
10 mM	0.2323 mL	1.1615 mL	2.3229 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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

- Pavel Slanina, et al. Process for making risperidone and intermediates therefor. US20040097523A1.
 Nyberg S, et al. 5-HT₂ and D₂ dopamine receptor occupancy in the living human brain. A PET study with risperidone. *Psychopharmacology (Berl)*. 1993;110(3):265-72.
 Zhu HJ, et al. Risperidone and paliperidone inhibit p-glycoprotein activity in vitro. *Neuropsychopharmacology*. 2007 Apr;32(4):757-64.

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