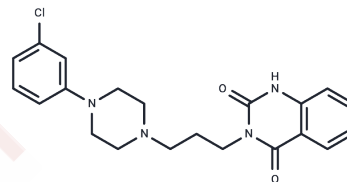


Cloperidone

Chemical Properties

CAS No. :	4052-13-5
Formula:	C ₂₁ H ₂₃ ClN ₄ O ₂
Molecular Weight:	398.89
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	Cloperidone is an inhibitor of cytochrome P450 2C9 (CYP2C9) with an IC ₅₀ of 17.7 μM. It exhibits cytotoxicity towards HepG2 cells expressing CYP2C9, with a survival rate of 60% at a concentration of 10 μM.
Targets(IC ₅₀)	Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.507 mL	12.5348 mL	25.0696 mL
5 mM	0.5014 mL	2.507 mL	5.0139 mL
10 mM	0.2507 mL	1.2535 mL	2.507 mL
50 mM	0.0501 mL	0.2507 mL	0.5014 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