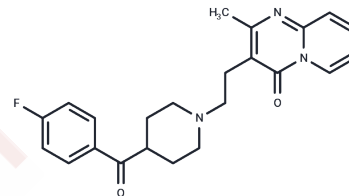


## Pirenperone

## Chemical Properties

CAS No. :	75444-65-4
Formula:	C <sub>23</sub> H <sub>24</sub> FN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	393.45
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	Pirenperone is a putative 5-HT <sub>2</sub> receptor antagonist with the central antiserotonergic and antidopaminergic action.
Targets(IC <sub>50</sub> )	5-HT Receptor

## Solubility Information

Solubility	DMSO: 3.67 mg/mL (9.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5416 mL	12.7081 mL	25.4162 mL
5 mM	0.5083 mL	2.5416 mL	5.0832 mL
10 mM	0.2542 mL	1.2708 mL	2.5416 mL
50 mM	0.0508 mL	0.2542 mL	0.5083 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

Mendelson, S., & Gorzalka, B. (1985). Serotonin antagonist pirenperone inhibits sexual behavior in the male rat: Attenuation by quipazine. *Pharmacology Biochemistry And Behavior*, 22(4), 565-571. doi: 10.1016/0091-3057(85)90276-x

Pawłowski, L., Siwanowicz, J., Bigajska, K., & Przegaliński, E. (1985). Central antiserotonergic and antidopaminergic action of pirenperone, a putative 5-HT<sub>2</sub> receptor antagonist. *Send To Pol J Pharmacol Pharm*, 37(2), 179-96.

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