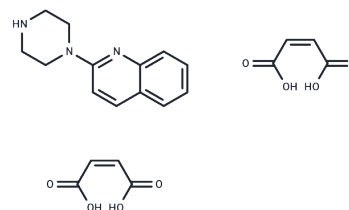


Quipazine dimaleate

Chemical Properties

CAS No. :	150323-78-7
Formula:	C ₂₁ H ₂₃ N ₃ O ₈
Molecular Weight:	445.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Quipazine dimaleate is a selective 5-HT ₃ agonist.
Targets(IC ₅₀)	5-HT Receptor
In vivo	Quipazine dimaleate dose-dependently reduces aggressive dominance in testosterone propionate-dominant rats, as well as in naturally dominant rats. When the serotonergic antagonists pirenpirone or pizotyline are coadministered with Quipazine dimaleate to either group of dominant rats, they blocks the effect of Quipazine dimaleate in reducing dominance[1].

Solubility Information

Solubility	H ₂ O: 29.7 mg/mL (90.0 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2451 mL	11.2254 mL	22.4507 mL
5 mM	0.449 mL	2.2451 mL	4.4901 mL
10 mM	0.2245 mL	1.1225 mL	2.2451 mL
50 mM	0.0449 mL	0.2245 mL	0.449 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.

Reference

Bonson KR, Winter JC. Reversal of testosterone-induced dominance by the serotonergic agonist quipazine. Pharmacol Biochem Behav. 1992 Aug;42(4):809-13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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