

Quipazine maleate

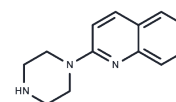
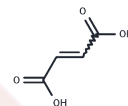
Chemical Properties

CAS No. : 5786-68-5

Formula: C17H19N3O4

Molecular Weight: 329.356

Storage: Keep away from moisture, Keep away from direct sunlight
 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	Quipazine maleate is a non-selective 5-HT receptor agonist. It is used to induce serotonin syndrome models and study 5-HT regulated behaviors and physiology.
Targets(IC50)	5-HT Receptor
In vitro	Quipazine maleate interferes with 5-HT turnover and acts as a postsynaptic agonist with weak MAO inhibition [1].
In vivo	In rat models, Quipazine maleate (25 or 50 mg/kg i.p.) induced significant hyperactivity via central 5-HT receptor agonism (mainly 5-HT2) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0362 mL	15.181 mL	30.3619 mL
5 mM	0.6072 mL	3.0362 mL	6.0724 mL
10 mM	0.3036 mL	1.5181 mL	3.0362 mL
50 mM	0.0607 mL	0.3036 mL	0.6072 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

Heylen E, Neyts J, Jochmans D. Drug candidates and model systems in respiratory syncytial virus antiviral drug discovery[J]. Biochemical pharmacology, 2017, 127: 1-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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