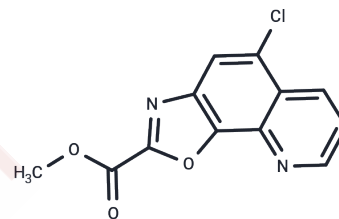


Quazolast

Chemical Properties

CAS No. :	86048-40-0
Formula:	C ₁₂ H ₇ ClN ₂ O ₃
Molecular Weight:	262.65
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	Quazolast (RHC 3988) is a potent mediator release inhibitor used as a control against ragweed antigenic nasal challenge and demonstrates superiority over placebo in preventing nasal congestion and nasal itching following such challenges.
Targets(IC50)	Others
In vivo	Quazolast (400 mg ; orally ; RW allergy ; 23 subjects) had significantly lower (P less than .05) mean percent decreases in nasal flow rate at 1350 and 2700 PNU for subjects. Nasal itchiness scores were significantly lower (P less than .05) during Quazolast treatment than at placebo at 1000, 1350, and 2700 PNU.[1]

Solubility Information

Solubility	DMSO: 2.63 mg/mL (10.01 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	3.8073 mL	19.0367 mL	38.0735 mL
5 mM	0.7615 mL	3.8073 mL	7.6147 mL
10 mM	0.3807 mL	1.9037 mL	3.8073 mL
50 mM	0.0761 mL	0.3807 mL	0.7615 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

Dave NK, et al. A controlled, double-blind study of the effect of quazolast on nasal challenge with ragweed antigen. *Ann Allergy*. 1990 ; 65(4):298-302.

Fitzpatrick LR, et al. Gastroprotective and ulcer healing profile of the mast cell stabilizer quazolast in rats. *Agents Actions*. 1991 ; 33(3-4):330-336.

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