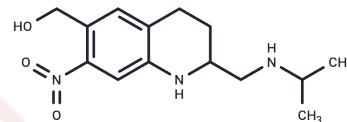


Oxamniquine

Chemical Properties

CAS No. : 21738-42-1
 Formula: C₁₄H₂₁N₃O₃
 Molecular Weight: 279.33
 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	Oxamniquine is an effective compound for the treatment of schistosomiasis.
Targets(IC50)	Others,Parasite
In vivo	Compared to the control group, Oxamniquine (500 mg/kg) alone or Oxamniquine (250 mg/kg) in combination with praziquantel decreases the mortality of infected snails[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.580 mL	17.900 mL	35.7999 mL
5 mM	0.716 mL	3.580 mL	7.160 mL
10 mM	0.358 mL	1.790 mL	3.580 mL
50 mM	0.0716 mL	0.358 mL	0.716 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

Mattos AC, et al. Evaluation of the effect of oxamniquine, praziquantel and a combination of both drugs on the intramolluscan phase of *Schistosoma mansoni*. Acta Trop. 2007 May;102(2):84-91.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481