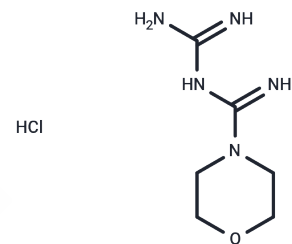


Moroxydine hydrochloride

Chemical Properties

CAS No. :	3160-91-6
Formula:	C ₆ H ₁₃ N ₅ O·HCl
Molecular Weight:	207.66
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	Moroxydine hydrochloride (ABOB hydrochloride) is a synthetic antiviral drug chemically belonging to the series of the heterocyclic biguanidines. It has antiviral activity and is helpful in the prevention and treatment of influenza.
Targets(IC50)	Apoptosis, Antiviral, HCV Protease, Caspase, HSV, Influenza Virus

Solubility Information

Solubility	DMSO: 50 mg/mL (240.78 mM), Sonication is recommended. H ₂ O: 202.3 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (9.63 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8156 mL	24.0778 mL	48.1556 mL
5 mM	0.9631 mL	4.8156 mL	9.6311 mL
10 mM	0.4816 mL	2.4078 mL	4.8156 mL
50 mM	0.0963 mL	0.4816 mL	0.9631 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

Sheppard S. Acta Derm Venereol Suppl (Stockh). 1994;183:1-9.

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