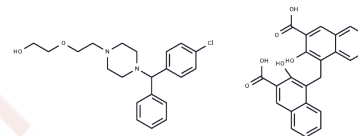


## Hydroxyzine Pamoate

## Chemical Properties

CAS No. :	10246-75-0
Formula:	C <sub>44</sub> H <sub>43</sub> ClN <sub>2</sub> O <sub>8</sub>
Molecular Weight:	763.27
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Hydroxyzine Pamoate (Bobsule) is a histamine H1 receptor antagonist that is effective in the treatment of chronic urticaria, dermatitis, and histamine-mediated pruritus. Unlike its major metabolite CETIRIZINE, it does cause drowsiness. It is also effective as an antiemetic, for relief of anxiety and tension, and as a sedative.
Targets(IC <sub>50</sub> )	Histamine Receptor

## Solubility Information

Solubility	DMSO: 27.5 mg/mL (36.03 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	1.3102 mL	6.5508 mL	13.1015 mL
5 mM	0.262 mL	1.3102 mL	2.6203 mL
10 mM	0.131 mL	0.6551 mL	1.3102 mL
50 mM	0.0262 mL	0.131 mL	0.262 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

Spahr L, et al. Am J Gastroenterol. 2007 Apr;102(4):744-53.

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