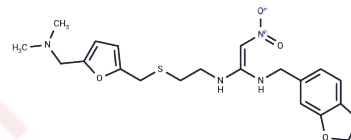


## Niperotidine

## Chemical Properties

CAS No. :	84845-75-0
Formula:	C <sub>20</sub> H <sub>26</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	434.51
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	Niperotidine is an antagonist of histamine H <sub>2</sub> -receptor.
Targets(IC <sub>50</sub> )	Histamine Receptor
In vivo	Niperotidine is an agent of H <sub>2</sub> blocking. After oral administration, it reaches a plasmatic peak within 60-120 min and is eliminated either in the urine or in the faeces, with an enterohepatic circulation[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3014 mL	11.5072 mL	23.0144 mL
5 mM	0.4603 mL	2.3014 mL	4.6029 mL
10 mM	0.2301 mL	1.1507 mL	2.3014 mL
50 mM	0.046 mL	0.2301 mL	0.4603 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

- Gasbarrini G, et al. Acute liver injury related to the use of Niperotidine. J Hepatol. 1997 Sep;27(3):583-6.  
 Palasciano G, et al. The effect of the H<sub>2</sub>-antagonist Niperotidine on intragastric acidity in healthy subjects undergoing 24-hour pH-monitoring. Ital J Gastroenterol. 1990 Oct;22(5):291-4.

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