# Data Sheet (Cat.No.T71425)



### Noberastine maleate

#### **Chemical Properties**

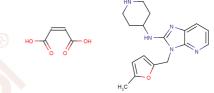
CAS No.: 111922-05-5

Formula: C25H29N5O9

Molecular Weight: 543.53

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## **Biological Description**

#### Description

Noberastine maleate, a histamine H1 antagonist, has potent and specific peripheral antihistaminic activity. Noberastine, a furan derivative of nor-astemizole (an astemizole metabolite), has been shown to have a more rapid onset, and shorter duration of action than astemizole with peak antihistaminic activity at 4h following ingestion. Noberastine is rapidly absorbed and the peak plasma levels are obtained within 2 h of oral dosing. In preclinical studies Noberastine has been shown to lack central nervous system effects. After subacute (steady-state) administration of noberastine, there was increasing inhibition of weal and flare formation with higher doses of the drug. The 30 mg daily dose showed maximum antihistaminic effects.

## **Preparing Stock Solutions**

	1mg	5mg	10mg	
1 mM	1.8398 mL	9.1991 mL	18.3982 mL	
5 mM	0.368 mL	1.8398 mL	3.6796 mL	
10 mM	0.184 mL	0.9199 mL	1.8398 mL	
50 mM	0.0368 mL	0.184 mL	0.368 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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