

Noberastine citrate

Chemical Properties

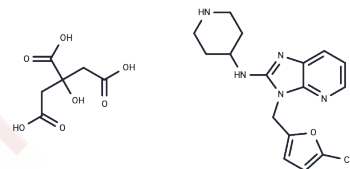
CAS No. : 139751-07-8

Formula: C₂₃H₂₉N₅O₈

Molecular Weight: 503.51

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	Noberastine citrate, 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.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9861 mL	9.9303 mL	19.8606 mL
5 mM	0.3972 mL	1.9861 mL	3.9721 mL
10 mM	0.1986 mL	0.993 mL	1.9861 mL
50 mM	0.0397 mL	0.1986 mL	0.3972 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481