

Mizolastine (dihydrochloride)

Catalog No: tcsc1998



Available Sizes

Size: 100mg

Size: 200mg

Size: 500mg



Specifications

CAS No:

1056596-82-7

Formula:

$C_{24}H_{27}Cl_2FN_6O$

Pathway:

Immunology/Inflammation;GPCR/G Protein

Target:

Histamine Receptor;Histamine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Observed Molecular Weight:

505.42

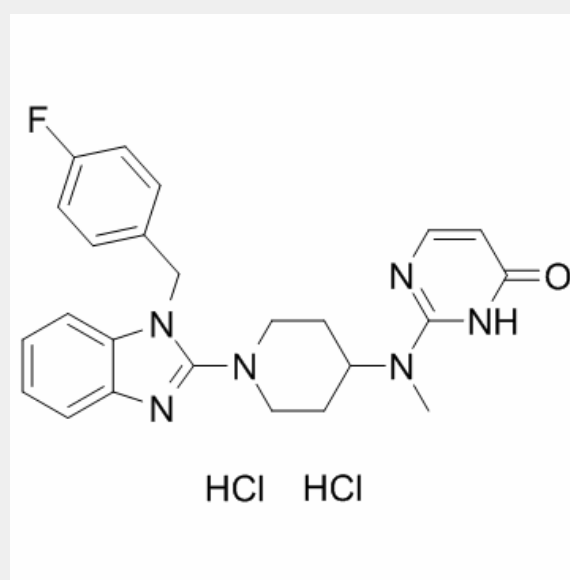
Product Description

Mizolastine dihydrochloride is a histamine H1-receptor antagonist with IC50 of 47 nM used in the treatment of hay fever (seasonal allergic rhinitis), hives and other allergic reactions.

Target: Histamine H1-receptor

Mizolastine is a histamine H1-receptor antagonist with IC₅₀ of 47 nM used in the treatment of hay fever (seasonal allergic rhinitis), hives and other allergic reactions. It does not prevent the actual release of histamine from mast cells, just prevents it binding to receptors. Side effects can include dry mouth and throat.

Mizolastine has demonstrated antiallergic effects in animals and healthy volunteers and anti-inflammatory activity in animal models. Double-blind trials have shown mizolastine to be significantly more effective than placebo and as effective as other second generation antihistamine agents, such as loratadine or cetirizine, in the management of patients with perennial or seasonal allergic rhinitis and in patients with chronic idiopathic urticaria. Available data also suggest that prophylactic administration of mizolastine is significantly more effective than placebo and as effective as prophylactic terfenadine in delaying the onset of symptoms of seasonal allergic rhinitis.



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