

Ciproxifan (maleate)

Catalog No: tcsc0924



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg



Specifications

CAS No:

184025-19-2

Formula:

$C_{20}H_{22}N_2O_6$

Pathway:

Immunology/Inflammation;GPCR/G Protein

Target:

Histamine Receptor;Histamine Receptor

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

FUB 359 maleate

Observed Molecular Weight:

386.4

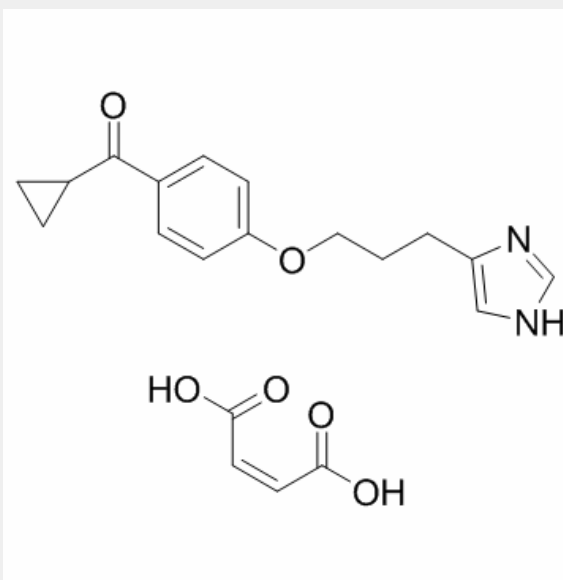
Product Description

Ciproxifan maleate(FUB-359 maleate) is a highly potent and selective histamin H3-receptor antagonist with IC₅₀ of 9.2 nM, with low apparent affinity at other receptor subtypes.

IC₅₀ value:

Target: H3 receptor

In vitro, Ciproxifan behaved as a competitive antagonist at the H3 autoreceptor controlling 3H histamine release from synaptosomes and displayed similar K_i values (0.5-1.9 nM) at the H3 receptor controlling the electrically-induced contraction of guinea pig ileum or at the brain H3 receptor labeled with 125I-iodoproxyfan. This appears to be an orally bioavailable, extremely selective and potent H3-receptor antagonist whose vigilance- and attention-promoting effects are promising for therapeutic applications in aging disorders.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!