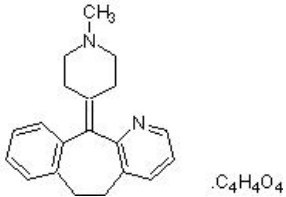


Product datasheet

Azatadine maleate, H₁ receptor antagonist ab143339

Overview

Product name	Azatadine maleate, H ₁ receptor antagonist
Description	Potent, competitive H ₁ receptor antagonist. Various pharmacological effects.
Biological description	Potent, competitive H ₁ receptor antagonist (IC ₅₀ = 6.5 nM) and 5-HT antagonist. Shows anticholinergic effects (IC ₅₀ = 11 nM). 5-HT antagonist. Inhibits mast cell degranulation. Shows antiallergic and sedative effects <i>in vivo</i> . Orally active.
Purity	> 98%
CAS Number	3978-86-7
Chemical structure	

Properties

Chemical name	11-(1-Methylpiperidin-4-ylidene)-5,6-dihydrobenzo[1,2]cyclohepta[3,4-b]pyridine maleate
Molecular weight	522.55
Molecular formula	C ₂₀ H ₂₂ N ₂ ·2C ₄ H ₄ O ₄
PubChem identifier	16052003
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 100 mM and in DMSO to 100 mM
Handling	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	CN1CCC(=C2C3=CC=CC=C3CCC4=C2N=CC=C4)CC1.C(=CC(=O)O)C(=O)O
Source	Synthetic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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