

Epinastine HCl Biochemical

Epinastine HCl

CATALOG #
AAA201940

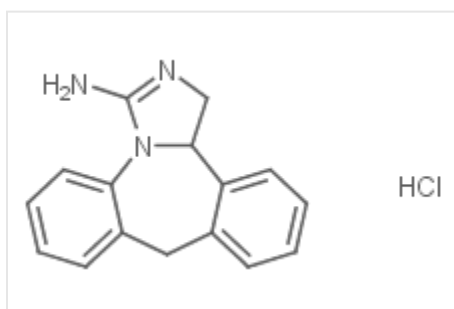
PRODUCT SYNONYMS

Epinastine HCl; Epinastine Hydrochloride; Alesion; Elestat; Epinastine HCl biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	98% (HPLC)
Target	Other Targets
Receptor	HT
Pathway	Others
NMR	Consistent with structure
Chemical Name	3-Amino-9, 13b-dihydro-1H-dibenzo[c, f]imidazo[1, 5-a]zepine Hydrochloride
SMILES	<chem>Cl[H].NC1=NCC2N1C1=CC=CC=C1CC1=CC=CC=C21</chem>
Molecular Formula	C ₁₆ H ₁₅ N ₃ ·HCl
CAS Number	108929-04-0
Preparation and Storage	Store at -20°C for 1 year.

IMAGES



Structure

ADDITIONAL INFORMATION

Related Product Information for Epinastine HCl biochemical	Epinastine Hydrochloride is a histamine H1 receptor antagonist without sedative activity. Epinastine hydrochloride blocks the histamine H1 receptor and inhibits the release of histamine from mast cells. This prevents the typical allergic symptoms that are caused by histamine activity on capillaries, skin, and mucous membranes. Typical histamine activities include vasodilation, bronchoconstriction, increased vascular permeability, pain, itching, and spasmodic contractions of gastrointestinal smooth muscles. Epinastine HCl also has affinity for histamine H2, 5-HT2, and the alpha-1, alpha-2 adrenergic receptors.
Product Categories/Family for Epinastine HCl biochemical	Inflammation/Immunology

References

1. Fugner A, et al. Arzneimittelforschung, 1988, 38 (10), 1446-1453.

NCBI AND UNIPROT INFORMATION

Molecular Weight

285.77

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/biochemical/epinastine-hcl/201940>