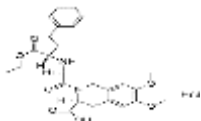


PRODUCT: Moexipril hydrochloride

ALTERNATE NAMES: (3S)-2-[(2S)-2-[[[(1S)-1-(Ethoxycarbonyl)-3-phenylpropyl]amino]-1-oxopropyl]-1,2,3,4-tetrahydro-6,7-dimethoxy-3-isoquinolinecarboxylic acid hydrochloride

CATALOG NUMBER: B2134-5,25

AMOUNT: 5 mg, 25 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₇H₃₅N₂O₇Cl

MOLECULAR WEIGHT: 535.03

CAS NUMBER: 82586-52-5

APPEARANCE: Crystalline solid

SOLUBILITY: H₂O (30 mg/ml)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from air and moisture

DESCRIPTION: Moexipril is a prodrug of the long-acting angiotensin converting enzyme (ACE) inhibitor moexiprilat (IC₅₀s = 2.1 nM and 2.7 μM for moexiprilat and moexipril, respectively). In addition to its antihypertensive activity, moexipril has been identified as a phosphodiesterase 4 inhibitor (IC₅₀ = 38 μM for the PDE4B2 isoform) that increases cAMP in cells.

REFERENCE: Edling, O., *et al.* (1995). *J. Pharmacol. Exp. Ther.* **275**, 854-863.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

ACE Inhibitor, DX600 (**9687**)

Captopril (**B1187**)

Elanapril maleate (**B2131**)

Lisinopril dihydrate (**B2132**)

Moexipil hydrochloride (**B2134**)

Ramipril (**B21333**)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**