PRODUCT: Pinacidil monohydrate

ALTERNATE NAMES: (±)-N-Cyano-N’-4-pyridinyl-N”-(1,2,2-trimethylpropyl)guanidine monohydrate

CATALOG NUMBER: B1904-10,50

AMOUNT: 10 mg, 50 mg

STRUCTURE:

MOLECULAR FORMULA: C_{13}H_{19}N_{5} \cdot H_{2}O

MOLECULAR WEIGHT: 263.34

CAS NUMBER: 85371-64-8

APPEARANCE: White solid

SOLUBILITY: DMSO (~ 15 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Pinacidil is a cyanoguanidine compound that acts as a potassium channel opener, activating the ATP-modulated potassium channels of guinea pig bladder and heart with K, values of 104 and 251 nM, respectively. Induces relaxation of serotonin-produced contractions in porcine and human arterial rings. Vasodilator. Antihypertensive agent.


RELATED PRODUCTS:
- Dapagliflozin (Cat. No. 9452-10,50)
- Empagliflozin (Cat. No. 2877-10,50)
- LX-4211 (Cat. No. 9623-5,25)
- NS-1643 (Cat. No. B1138-10, 50)
- NS-1619 (Cat. No. B1303-5,25)
- Phlorizin (Cat. No. 2416-100, 500)
- Pinacidil monohydrate (Cat. No. B1904-10,50)

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

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