

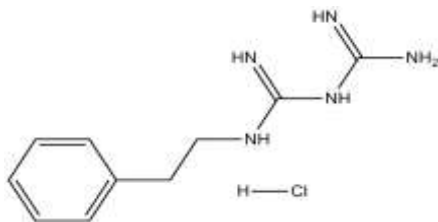
Phenformin hydrochloride

ALTERNATE NAME: 2-(N-phenethylcarbamimidoyl)guanidine, hydrochloride;
phenethylbiguanide hydrochloride

CATALOG #: 1889-100, 1000

AMOUNT: 100 mg, 1 g

STRUCTURE:



MOLECULAR FORMULA: C₁₀H₁₅N₅ · HCl

MOLECULAR WEIGHT: 241.72

CAS NUMBER: 834-28-6

APPEARANCE: White solid

SOLUBILITY: H₂O (50 mg/ml)

PURITY: ≥97% by TLC

STORAGE: Store at -20°C

DESCRIPTION: An anti-diabetic drug of the biguanide class. Increases AMPK activity without increasing AMP/ATP. Also acts as a mitochondrial complex I inhibitor.

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

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- A-769662 (Cat. No. 1719-5)
- AICAR (Cat. No. 1687-50)
- Ciglitazone (Cat. No. 1695-5)
- Dorsomorphin (Cat. No. 1686-5)
- Glibenclamide (Cat. No. 1878-100, 1000)
- Metformin, Hydrochloride (Cat. No. 1691-5G)
- Pioglitazone Hydrochloride (Cat. No. 1877-5, 25)
- Rosiglitazone (Cat. No. 1559-5, 50, 100)
- Troglitazone (Cat. No. 1696-5)