

Phenformin hydrochloride

Cat. No. CEI-0570

Lot. No. (See product label)

Introduction

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

Synonyms phenethylbiguanide hydrochloride

Product Information

Appearance Beige solid

CAS No. 834-28-6

Molecular Formula $C_{10}H_{15}N_5 \cdot HCl$

Chemical Name 2-(N-phenethylcarbamimidoyl)guanidine, hydrochloride

Molecular Weight 188.31

Purity >98% by HPLC

Targets MIF

Solubility DMSO (100 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack