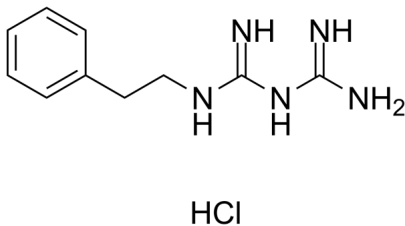


Certificate of Analysis

Catalog Number	BP12847
Product Name	Phenformin hydrochloride

Physical and Chemical Properties

Synonyms	Phenformin HCl, Phenethylbiguanide hydrochloride
CAS No.	834-28-6
Chemical Formula	C ₁₀ H ₁₆ ClN ₅
Molecular Weight	241.72
Solubility	H ₂ O: 44 mg/mL (182 mM) Ethanol: 10 mg/mL (41.4mM); DMSO: 45 mg/mL (186.2 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 <p style="text-align: center;">HCl</p>

Product Information

Description	Phenformin is an agent belonging to the biguanide class of antidiabetics with antihyperglycemic activity.
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Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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