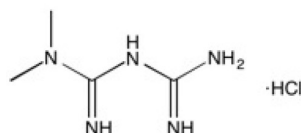


Metformin HCl

Catalogue No.: abx076830



Metformin HCl is a small molecule which can act as an Antidiabetic agent and Life extension agent. It is provided as a white crystalline powder. Melting point: 223-226 °C.

This product acts on the following biochemical pathways: AMPK pathway, Autophagy, Carbohydrate metabolism, Mitochondrial function, Apoptosis inducer, Proliferation.

This product may be of interest in the following research areas and diseases: Cancer Stem Cells, Neuroscience, Cell death, Diabetes, Neurodegeneration, Cancer.

This product may act as a Coronavirus inhibitor: Indirect modulator of mTORC1 complex; mTORC1 pathway members interact with SARS-CoV-2 N and Orf8 proteins.

Please note that our chemical products are for scientific research use only in a laboratory and are not for medical or veterinary use. This product can only be dispatched to a scientific business or laboratory address.

Target: Metformin HCl

Form: Solid

Purity: > 98% (HPLC). Conforms to structure by NMR.

Reconstitution: Soluble in DMSO (up to 8 mg/ml) or in Water (up to 16 mg/ml).

Storage: Store desiccated at room temperature for up to 2 years. Solutions can be stored at -20 °C for up to 2 months.

Molecular Weight: 165.6 g/mol

Molecular Formula: C₄H₁₁N₅·HCl

Buffer: Not applicable.

CAS Number: 1115-70-4

SMILES: [H+].CN(C)C(N=C(N)N)=N.[Cl-]

Datasheet

Version: 3.0.0

Revision date: 02 Jul 2025



Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only