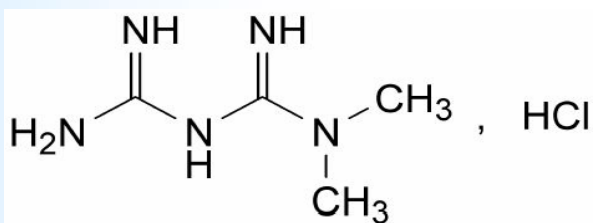


## **METFORMIN HYDROCHLORIDE**



**Metformin Hydrochloride** is an anti-diabetic preparation. The main active ingredient is a biguanide that reduces glycemia and improves insulin action. Metformin lowers blood glucose (sugar) and is used for treating type II diabetes in adults and children. It may be used alone or in combination with other diabetic medications. Metformin also has been used to prevent the development of diabetes in people at risk for diabetes and to treat polycystic ovaries.

<b>Chemical Formula</b>	: $\text{C}_4 \text{H}_{11}\text{N}_5\text{Cl}$
<b>CAS #</b>	: 1115-70-4
<b>Molecular Weight</b>	: 165.63 g/mol
<b>Compliance</b>	: BP, Ph Eur, IP
<b>Grades</b>	: Crystals, Micronized Powder,(50 microns to 400 microns)
<b>Shelf Life</b>	: 5 years when stored at room temperature in original packing.
<b>Standard Pack Sizes</b>	: 25kgs or 50kgs in HDPE drums, Fiber Board drums or Corrugated boxes.
<b>Regulatory Status</b>	: DMF for Metformin Hydrochloride filed with US FDA in May 2005. Manufacturing is performed according to the current good manufacturing practice (cGMP) guidelines

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