Certificate of Analysis

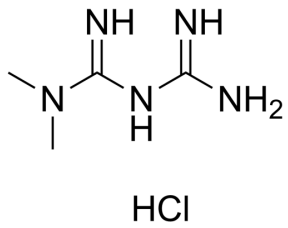
Metformin (hydrochloride)

Cat. No.:	HY-17471A
CAS No.:	1115-70-4
Batch No.:	21245
Chemical Name:	Imidodicarbonimidic diamide, N,N-dimethyl-, hydrochloride (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_4H_{12}ClN_5$
Molecular Weight:	**165.62**
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.84%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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