Certificate of Analysis

Levofloxacin (hydrate)

 Cat. No.:
 HY-B0330A

 CAS No.:
 138199-71-0

 Batch No.:
 348783

Chemical Name: 7H-Pyrido[1,2,3-de]-1,4-benzoxazine-6-carboxylic acid, 9-fluoro-2,3-dihydro-3-methyl-10-(4-met

hyl-1-piperazinyl)-7-oxo-, hydrate (2:1), (3S)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{18}H_{21}FN_3O_{4.5}$

Molecular Weight: 370.38

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.93%

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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