## **Certificate of Analysis**

## CGP 78608 (hydrochloride)

HY-107701 Cat. No.: CAS No.: 1135278-54-4

Batch No.: 389855

**Chemical Name:** Phosphonic acid, P-[(1S)-1-[[(7-bromo-1,2,3,4-tetrahydro-2,3-dioxo-5-quinoxalinyl)methyl]amin

o]ethyl]-, hydrochloride (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{11}H_{14}BrClN_3O_5P$ 

**Molecular Weight:** 414.58

Storage: -20°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

White to off-white (Solid) Appearance: <sup>1</sup>H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.56%

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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