Certificate of Analysis

Loracarbef (hydrate)

Cat. No.: HY-B1682A

CAS No.: 121961-22-6

Batch No.: 438599

Chemical Name: 1-Azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[(2R)-2-amino-2-phenylacetyl]amino]-3-chlor

o-8-oxo-, hydrate (1:1), (6R,7S)-

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:control_loss} \textbf{Molecular Formula:} \qquad \qquad \textbf{C}_{16}\textbf{H}_{18}\textbf{ClN}_{3}\textbf{O}_{5}$

Molecular Weight: 367.78

Storage: -20°C, protect from light, stored under nitrogen

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

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity (NMR): ≥98.0%
Water(KF): 4.2%

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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