Certificate of Analysis

Piperaquine (phosphate)

 Cat. No.:
 HY-B1896A

 CAS No.:
 85547-56-4

 Batch No.:
 278259

Chemical Name: Quinoline, 4,4'-(1,3-propanediyldi-4,1-piperazinediyl)bis[7-chloro-, phosphate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{29}H_{35}Cl_2N_6O_4P$

Molecular Weight: 633.51

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

Appearance: Off-white to light yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 98.33%

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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