

Certificate of Analysis

Febrifugine

Cat. No.: HY-N2384
CAS No.: 24159-07-7
Batch No.: 125162

Chemical Name: 4(3H)-Quinazolinone, 3-[3-[(2R,3S)-3-hydroxy-2-piperidinyl]-2-oxopropyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{16}H_{19}N_3O_3$ Molecular Weight: 301.34

Storage: -20°C, sealed storage, away from moisture and light

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and

light)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

Purity (HPLC): 98.75%

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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