Certificate of Analysis

JUN-1111

Cat. No.: HY-118529
CAS No.: 874351-38-9
Batch No.: 253546

Chemical Name: 5,8-Quinolinedione, 7-[[2-(4-morpholinyl)ethyl]amino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{15}H_{17}N_3O_3$ Molecular Weight: 287.31

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\bigcap_{O} \bigvee_{N} \bigvee_{N} \bigvee_{O} \bigvee_{N} \bigvee_{N$$

ANALYTICAL DATA

Appearance: Orange to reddish brown (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 98.57%

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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