

Certificate of Analysis

Piperlongumine

Cat. No.: HY-N2329
CAS No.: 20069-09-4
Batch No.: 267580

Chemical Name: 2(1H)-Pyridinone, 5,6-dihydro-1-[(2E)-1-oxo-3-(3,4,5-trimethoxyphenyl)-2-propen-1-yl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{19}NO_5$ Molecular Weight: 317.34

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

ANALYTICAL DATA

Appearance: White to yellow (Solid)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.87%

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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