Certificate of Analysis

Loratadine-d₅

 Cat. No.:
 HY-17043S1

 CAS No.:
 1398065-63-8

 Batch No.:
 379239

Chemical Name: Ethyl-d5 4-(8-chloro-5,6-dihydro-11H-benzo[5,6]cyclohepta[1,2-b]pyridin-11-ylidene)piperidine-

1-carboxylate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{22}H_{18}D_5ClN_2O_2$

Molecular Weight: 387.91

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 off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 99.96%

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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