Certificate of Analysis

Cefoperazone-d₅

Cat. No.: HY-B0210S
CAS No.: 2410425-70-4
Batch No.: 286191

Chemical Name: Cefoperazone-d5

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{25}H_{22}D_5N_9O_8S_2$

Molecular Weight: 650.70

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): 98.58% Isotopic Enrichment: 99.50%

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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