Certificate of Analysis

Phenylacetylglutamine-D5

Cat. No.: HY-W050026S CAS No.: 1331909-01-3

Batch No.: 78476

Chemical Name: L-Glutamine, N2-[2-(phenyl-2,3,4,5,6-d5)acetyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{11}D_5N_2O_4$

269.31 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 6 months

> 1 month -20°C

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure MS: Consistent with structure

Purity (HPLC): 98.01%

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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