Certificate of Analysis

Albendazole-d₃

Cat. No.: HY-B0223S

CAS No.: 1353867-92-1

Batch No.: 233880

Chemical Name: Carbamic acid, N-[6-(propylthio)-1H-benzimidazol-2-yl]-, methyl ester D3

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{12}D_3N_3O_2S$

Molecular Weight: 268.35

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} S & H \\ N & NH \\ O & D \\ D & D \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.28%

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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