Certificate of Analysis

Omeprazole sulfide-d3

Cat. No.: HY-141776S
CAS No.: 922730-98-1
Batch No.: 156630

Chemical Name: 1H-Benzimidazole, 6-(methoxy-d3)-2-[[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]thio]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{17}H_{16}D_3N_3O_2S$

Molecular Weight: 332.44

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: Light yellow to yellow (Solid)

¹H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): 99.79%
Isotopic Enrichment: 99.81%

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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