Certificate of Analysis

Omeprazole metabolite Omeprazole sulfone (methoxy-d₃)

Cat. No.: HY-B0113S2
CAS No.: 1189891-71-1
Batch No.: 357431

Chemical Name: 6-(Methoxy-d3)-2-(((4-methoxy-3,5-dimethylpyridin-2-yl)methyl)sulfonyl)-1H-benzo[d]imidazole

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₁₇H₁₆D₃N₃O₄S

Molecular Weight: 364.43

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

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

ANALYTICAL DATA

Appearance: White to off-white (Solid)

Purity: ≥99.0%
Isotopic Enrichment: 99.97%

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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