Certificate of Analysis

Sulfadimethoxine-d₄

 Cat. No.:
 HY-B0337S

 CAS No.:
 1020719-80-5

 Batch No.:
 311267

Chemical Name: Benzene-2,3,5,6-d4-sulfonamide, 4-amino-N-(2,6-dimethoxy-4-pyrimidinyl)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{12}H_{10}D_4N_4O_4S$

Molecular Weight: 314.35

Storage: Powder -20°C 3 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

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

ANALYTICAL DATA

Appearance: Light yellow to brown (Solid)

Purity: ≥98.0%
Isotopic Enrichment: 98.9%

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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