Certificate of Analysis

Sulfadiazine

Cat. No.: HY-B0273 CAS No.: 68-35-9 Batch No.: 379713

Chemical Name: Benzenesulfonamide, 4-amino-N-2-pyrimidinyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{10}N_4O_2S$

250.28 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 99.93%

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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