Certificate of Analysis

Methotrexate metabolite

Cat. No.: HY-108251
CAS No.: 19741-14-1
Batch No.: 114089

Chemical Name: Benzoic acid, 4-[[(2,4-diamino-6-pteridinyl)methyl]methylamino]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{15}H_{15}N_7O_2$ Molecular Weight: 325.33

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ &$$

ANALYTICAL DATA

Appearance: Yellow to brown (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (HPLC): 98.22%

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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