Certificate of Analysis

Pterin-6-carboxylic acid

Cat. No.: HY-W037823 CAS No.: 948-60-7 Batch No.: 289121

Chemical Name: 6-Pteridinecarboxylic acid, 2-amino-3,4-dihydro-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_5N_5O_3$ Molecular Weight: 207.15

Storage: 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

$$\begin{array}{c|c} O & O \\ \hline \\ N & N \\ \hline \\ N & NH_2 \\ \end{array}$$

ANALYTICAL DATA

Light yellow to brown (Solid) Appearance: ¹H NMR Spectrum: Consistent with structure

Purity (HPLC): 99.54%

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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