Certificate of Analysis

Tirapazamine

Cat. No.: HY-13767
CAS No.: 27314-97-2
Batch No.: 28755

Chemical Name: 1,2,4-Benzotriazin-3-amine, 1,4-dioxide

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_6N_4O_2$ Molecular Weight: 178.15

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure:

$$\begin{array}{c}
O^{-} \\
\downarrow \\
N^{+} \\
\downarrow \\
NH_{2}
\end{array}$$

ANALYTICAL DATA

Appearance: Orange to red (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.73%

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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