Certificate of Analysis

HPi1

Cat. No.: HY-120536 CAS No.: 13080-21-2 Batch No.: 67561

Chemical Name: 2(1H)-Quinoxalinethione, 3-hydrazinyl-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_8H_8N_4S$ Molecular Weight: 192.24

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

Chemical Structure:

$$\bigvee_{N = 1}^{H} \bigvee_{N = 1}^{S} NH_2$$

ANALYTICAL DATA

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

Purity (NMR): ≥98.0%

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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