Certificate of Analysis

5-Nitrobarbituric acid

Cat. No.: HY-W002008

CAS No.: 480-68-2

Batch No.: 204848

Chemical Name: 2,4,6(1H,3H,5H)-Pyrimidinetrione, 5-nitro-

PHYSICAL AND CHEMICAL PROPERTIES

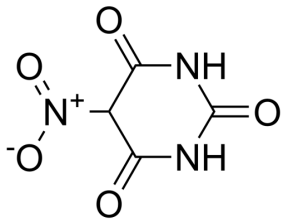
Molecular Formula: $C_4H_3N_3O_5$

Molecular Weight: **173.08**

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

^{1}H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (LCMS): **99.91%**

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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