## **Certificate of Analysis**

## **4'-DTMP**

Cat. No.: HY-W587663
CAS No.: 21253-58-7
Batch No.: 288262

Chemical Name: Phenol, 4-[(2,4-diamino-5-pyrimidinyl)methyl]-2,6-dimethoxy-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{13}H_{16}N_4O_3$  Molecular Weight: 276.29

Storage: Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

**Chemical Structure:** 

$$H_2N$$
  $N$   $NH_2$   $OH$   $OH$ 

## ANALYTICAL DATA

Appearance: Brown to dark brown (Solid)

<sup>1</sup> H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥97.0%

**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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