

## **Certificate of Analysis**

## Cyamemazine

Cat. No.: HY-14264 CAS No.: 3546-03-0 Batch No.: 292098

**Chemical Name:** 10H-Phenothiazine-2-carbonitrile, 10-[3-(dimethylamino)-2-methylpropyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{19}H_{21}N_3S$ 323.46 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years  $4^{\circ}C$

In solvent -80°C 6 months

1 month -20°C

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid)

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

LCMS: Consistent with structure

Purity (HPLC): 99.42%

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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