## **Certificate of Analysis**

## **Tioconazole**

Cat. No.: HY-B0319 CAS No.: 65899-73-2 Batch No.: 16021

**Chemical Name:** 1H-Imidazole, 1-[2-[(2-chloro-3-thienyl)methoxy]-2-(2,4-dichlorophenyl)ethyl]-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{16}H_{13}Cl_3N_2OS$ 

387.71 Molecular Weight:

Storage: Powder -20°C 3 years

> 2 years 4°C

In solvent -80°C 2 years

> -20°C 1 year

**Chemical Structure:** 

## ANALYTICAL DATA

Appearance: White to off-white (Solid) <sup>1</sup>H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (LCMS): 99.90%

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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