

## Certificate of Analysis

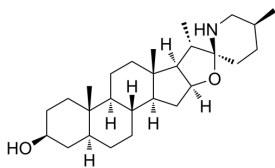
**Product Name:** Tomatidine  
**Cat. No.:** HY-N2149  
**CAS No.:** 77-59-8  
**Batch No.:** 24981  
**Chemical Name:** Spirosolan-3-ol, (3 $\beta$ ,5 $\alpha$ ,22 $\beta$ ,25S)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>27</sub>H<sub>45</sub>NO<sub>2</sub>  
**Molecular Weight:** 415.65  
**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:** White to off-white (Solid)  
**<sup>1</sup>H NMR Spectrum:** 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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