

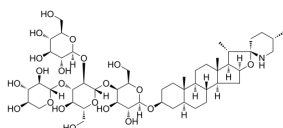
## Tomatine

Cat. No.: HY-N2166  
 CAS No.: 17406-45-0  
 Batch No.: 289145  
 Chemical Name:  $\beta$ -D-Galactopyranoside, (3 $\beta$ ,5 $\alpha$ ,22 $\beta$ ,25S)-spirosolan-3-yl O- $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 2)-O-[ $\beta$ -D-xyl  
 opyranosyl-(1 $\rightarrow$ 3)]-O- $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 4)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>50</sub>H<sub>83</sub>NO<sub>21</sub>  
 Molecular Weight: 1034.19  
 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  
 MS: Consistent with structure  
 Purity (HPLC): 99.71%  
 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA