

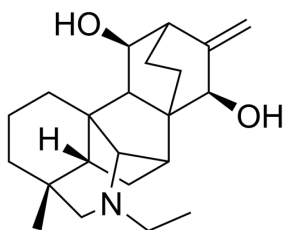
## Bullatine A

Cat. No.: HY-N5025  
CAS No.: 1354-84-3  
Batch No.: 242221  
Chemical Name: (3R,7S,10R,13R)-1-ethyl-3-methyl-9-methylenedodecahydro-8H-3,6a,11-(epiethane[1,1,2]triyil)-8,10a-ethanoindeno[2,1-b]azocine-7,10-diol

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>22</sub>H<sub>33</sub>NO<sub>2</sub>  
Molecular Weight: 343.50  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



### ANALYTICAL DATA

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