# RedChemExpress

## Certificate of Analysis

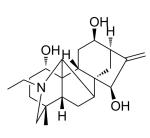
## 12-Epinapelline

| Cat. No.:      | HY-N2162  |  |
|----------------|---|--|
| CAS No.:       | 110064-71-6   |  |
| Batch No.:     | 104369  |  |
| Chemical Name: | 12,3,6a-Ethanylylidene-9,11a-methanoazuleno[2,1-b]azocine-6,8,11-triol, 1-ethyldodecahydro- |  |
|                | 3-methyl-10-methylene-, (3R,6S,6aS,6bR,8R,9R,11R,11aR,12R,12aS,14R)-                        |  |

### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | C <sub>22</sub> H <sub>33</sub> NO <sub>3</sub>                     |
|--------------------|---|
| Molecular Weight:  | 359.50  |
| 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   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 98.08%  |
| Source:                      | Aconitum carmichaeli Debx.  |
| 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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