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**Product Data Sheet**


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Product Name: Zhebeirine

Cat. No.: GC61388

**Chemical Properties**

Cas. No. 143120-47-2

SMILES C[C@@]1([C@]1([H])C[C@H]2O)(CC2)[C@]3([H])[C@](CC1=O)([H])[C@@](CC[C@@]4([H])[C@@]5([H])CN(C[C@@H]6C)[C@](CC6)([H])[C@@H]4C)([H])[C@@]5([H])C3

Formula C<sub>27</sub>H<sub>43</sub>NO<sub>2</sub> M.Wt 413.64

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Zhebeirine (Puqiedinone), a steroidal alkaloid, is isolated from the bulbs of *Fritillaria puqiensis*. Zhebeirine exhibits antitussive and expectorant properties[1][2].

[1]. Lin G, et, al. Puqiedinone, a novel 5 alpha-cevanine alkaloid from the bulbs of *Fritillaria puqiensis*, an antitussive traditional Chinese medicine. *J Nat Prod.* 1995 Nov; 58(11):1662-7. [2]. Jiang Y, et, al. New steroidal alkaloids from the bulbs of *Fritillaria puqiensis*. *Steroids.* 2006 Sep; 71(9): 843-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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