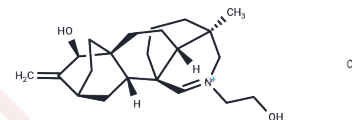


## Guanfu base H

## Chemical Properties

CAS No. :	4758-99-0
Formula:	C <sub>22</sub> H <sub>34</sub> ClNO <sub>2</sub>
Molecular Weight:	379.96
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Guanfu base H is a diterpenoid alkaloid isolated from <i>Aconitum coreanum</i> . It has antiplasmodial activity against the malarial <i>Plasmodium falciparum</i> strains TM4/8.2 (wild type) and K1CB1 (IC <sub>50</sub> s: 4 μM and 3.6 μM).
Targets(IC <sub>50</sub> )	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6319 mL	13.1593 mL	26.3186 mL
5 mM	0.5264 mL	2.6319 mL	5.2637 mL
10 mM	0.2632 mL	1.3159 mL	2.6319 mL
50 mM	0.0526 mL	0.2632 mL	0.5264 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

- WU Qiong, et al. Simultaneous Determination of Guanfu Base A, Guanfu Base I and Guanfu Base H in *Radix Aconitum coreanum*(Lévl) Rapaics by RP-HPLC. *Progress in Pharmaceutical Sciences*. 2011, 35(5), 230-233.
- Wangchuk P, et al. Antiplasmodial activity of atisinium chloride from the Bhutanese medicinal plant, *Aconitum orochryseum*. *J Ethnopharmacol*. 2010 Aug 9;130(3):559-62.

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