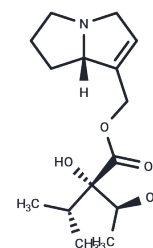


## Amabiline

## Chemical Properties

CAS No. :	17958-43-9
Formula:	C <sub>15</sub> H <sub>25</sub> NO <sub>4</sub>
Molecular Weight:	283.368
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	Amabiline is an alkaloid with antimalarial activity.
Targets(IC50)	Others,Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.529 mL	17.6448 mL	35.2896 mL
5 mM	0.7058 mL	3.529 mL	7.0579 mL
10 mM	0.3529 mL	1.7645 mL	3.529 mL
50 mM	0.0706 mL	0.3529 mL	0.7058 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

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- Findlay AD, Banwell MG. A chemoenzymatic total synthesis of (+)-amabiline. *Org Lett.* 2009 Jul 16;11(14):3160-2. doi: 10.1021/ol901230w. PubMed PMID: 19586069.
- Boppré M, Colegate SM. Recognition of pyrrolizidine alkaloid esters in the invasive aquatic plant *Gymnocoronis spilanthoides* (Asteraceae). *Phytochem Anal.* 2015 May-Jun;26(3):215-25. doi: 10.1002/pca.2555. Epub 2015 Jan 27. PubMed PMID: 25645745.
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