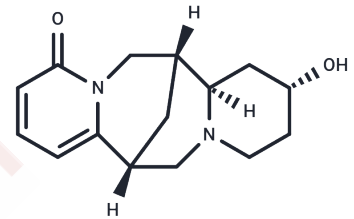


## Baptifoline

## Chemical Properties

CAS No. :	732-50-3
Formula:	C <sub>15</sub> H <sub>20</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	260.33
Storage:	Keep away from direct sunlight, Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Baptifoline is an alkaloid isolated from Anagyris foetida with potential antibacterial activity.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8413 mL	19.2064 mL	38.4128 mL
5 mM	0.7683 mL	3.8413 mL	7.6826 mL
10 mM	0.3841 mL	1.9206 mL	3.8413 mL
50 mM	0.0768 mL	0.3841 mL	0.7683 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

- Suzuki H, et al. A novel O-tigloyltransferase for alkaloid biosynthesis in plants. Purification, characterization, and distribution in Lupinus plants. J Biol Chem. 1994 Jun 3;269(22):15853-60.
- Moura GGD, et al. Endophytic bacteria from strawberry plants control gray mold in fruits via production of antifungal compounds against Botrytis cinerea L. Microbiol Res. 2021 Oct;251:126793.

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