

# Hydroprotopine

Cat. No. ALK-0005

Lot. No. (See product label)

## Product Name

Hydroprotopine

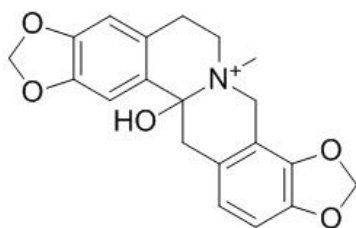
## CAS No.

128397-41-1

## Description

Hydroprotopine is a alkaloid from *Hypocrepium leptocarpum*. Leptopidine can suppress growth and induce cytotoxicity in breast cancer cells and that the cytotoxicity of leptopidine may be related to its inhibitory effect on fatty acid synthase expression.

## Structural Formula



## MW

354.38

## MF

C<sub>20</sub>H<sub>20</sub>NO<sub>5</sub><sup>+</sup>

## Source

Plants > Papaveraceae > *Corydalis yanhusuo* W. T. Wang

## IC<sub>50</sub> & Target

Human Endogenous Metabolite

## Shipping

Room temperature in continental US; may vary elsewhere.

## SMILES

OC1C2=CC(OC3C)=C4C=C3CC[N+]1(C2C=C(OC5C)C6=CC=C5C2)C

## Storage

Please store the product under the recommended conditions in the Certificate of Analysis.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY