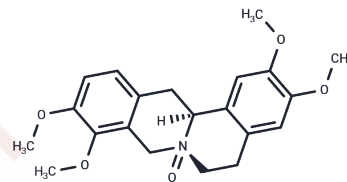


## Epicorynoxidine

## Chemical Properties

CAS No. :	58000-48-9
Formula:	C <sub>21</sub> H <sub>25</sub> N <sub>5</sub> O
Molecular Weight:	371.43
Storage:	Keep away from direct sunlight 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	Epicorynoxidine is an alkaloid derived from the herbs of <i>Corydalis tashiroi</i> .
Targets(IC50)	Others
In vitro	Epicorynoxidine shows cytotoxicity of P-388 cell lines with ED50 of 25.53 µg/mL[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6923 mL	13.4615 mL	26.923 mL
5 mM	0.5385 mL	2.6923 mL	5.3846 mL
10 mM	0.2692 mL	1.3461 mL	2.6923 mL
50 mM	0.0538 mL	0.2692 mL	0.5385 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

Chen JJ, et al. New tetrahydroprotoberberine N-oxide alkaloids and cytotoxic constituents of *Corydalis tashiroi*. *Planta Med.* 1999 Oct;65(7):643-7.

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