

Product Data Sheet

Product Name: Ethoxysanguinarine

Cat. No.: GC38083

Chemical Properties

Cas. No. 28342-31-6

SMILES CN1C2=C3C(C=C4OCOC4=C3)=CC=C2C5=C(C6=C(OCO6)C=C5)C1OCC

Formula $C_{22}H_{19}NO_5$

M.Wt 377.39

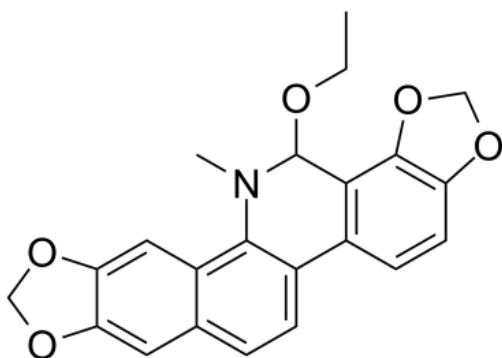
Solubility Soluble in DMSO

Storage 4°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Caution: Product has not been fully validated for medical applications. For research use only.

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Ethoxysanguinarine is a benzophenanthridine alkaloid natural product that is mainly found in *Macleaya cordata*. Ethoxysanguinarine inhibits viability and induces apoptosis of colorectal cancer cells by inhibiting protein phosphatase 2A (CIP2A)[1].

[1]. Jin L, et al. Ethoxysanguinarine inhibits viability and induces apoptosis of colorectal cancer cells by inhibiting CIP2A. *Int J Oncol*. 2018 Mar 16.

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