

Product Data Sheet

Product Name: Tabersonine

Cat. No.: GC38169

Chemical Properties

Cas. No. 4429-63-4

SMILES O=C(OC)C1=C2NC3=CC=CC=C3[C@@]24CCN5CC=C[C@@]1([C@@]45[H])(CC)C1

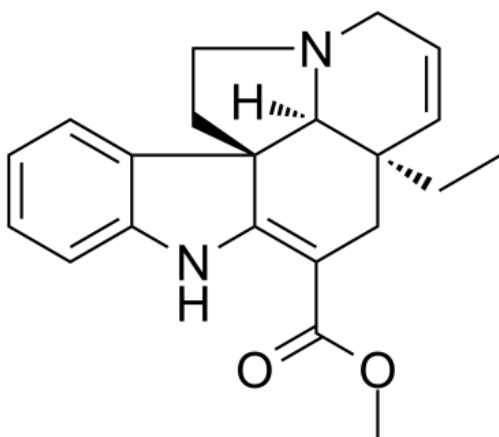
Formula $C_{21}H_{24}N_2O_2$ M.Wt 336.43

Solubility DMF: 2 mg/ml, DMSO: 2 mg/ml, Ethanol: slightly soluble 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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Tabersonine is an indole alkaloid mainly isolated from *Catharanthus roseus*. Tabersonine disrupts A β (1-42) aggregation and ameliorates A β aggregate-induced cytotoxicity. Tabersonine has anti-inflammatory activities and acts as a potential therapeutic candidate for the treatment of ALI/ARDS[1].

[1]. Zhang D, et al. Tabersonine attenuates lipopolysaccharide-induced acute lung injury via suppressing TRAF6 ubiquitination. *Biochem Pharmacol.* 2018 Aug;154:183-192.

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