

Product Data Sheet

Product Name: Wilfortrine

Cat. No.: GF00202

Chemical Properties

Cas. No. 37239-48-8

Formula $C_{41}H_{47}NO_{20}$ M.Wt 873.81

Solubility DMSO : 50 mg/mL (57.22 mM; Need ultrasonic) 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.

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

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Product Data Sheet

Structure



Background

Wilfortrine is a bioactive sesquiterpene alkaloid. Wilfortrine exhibits immunosuppressive effects. Wilfortrine also can inhibit leukaemia cell growth in mice and shows anti-HIV activity.

References:

[1]. Ouyang XK, et, al. Simultaneous determination of four sesquiterpene alkaloids in *Tripterygium wilfordii* Hook. F. extracts by high-performance liquid chromatography. *Phytochem Anal.* Jul-Aug 2007;18(4):320-5.

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