

Product Data Sheet

Product Name: Wilforine
Cat. No.: GC30494

Chemical Properties

Cas. No. 11088-09-8

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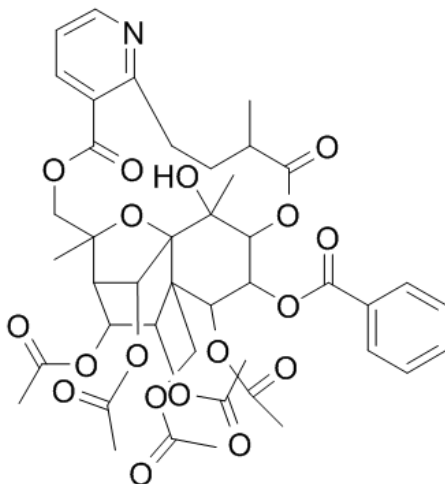
Formula $C_{43}H_{49}NO_{18}$ M.Wt 867.85

Solubility DMSO: 50 mg/mL (57.61 mM) Storage Store at -20°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

Wilforine is a sesquiterpene pyridine alkaloid; important bioactive compound in *T. wilfordii* plants, and is effective in treating idiopathic pulmonary fibrosis.

[1]. Zhu C, et al. Establishment of *Tripterygium wilfordii* Hook. f. Hairy root culture and optimization of its culture conditions for the production of triptolide and wilforine. *J Microbiol Biotechnol.* 2014 Jun 28;24(6):823-34. [2]. Miao GP, et al. Elicitation and in situ adsorption enhanced secondary

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

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metabolites production of *Tripterygium wilfordii* Hook. f. adventitious root fragment liquid cultures in shake flask and a modified bubble column bioreactor. Bioprocess Biosyst Eng. 2014

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