

Product Data Sheet

Product Name: Hupehenine

Cat. No.: GC38619

Chemical Properties

Cas. No. 98243-57-3

SMILES O[C@H]1CC[C@@]2(C)[C@]([C@H](O)C[C@]3([H])[C@]2([H])C[C@]4([H])[C@@]3([H])CC[C@]5([H])[C@@]4([H])CN6[C@](CC[C@H](C)C6)([H])[C@@H]5C)([H])C1

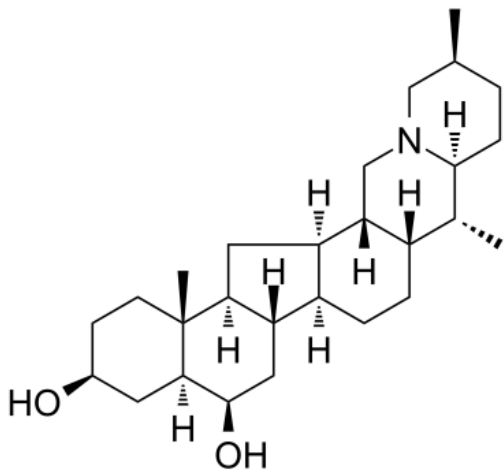
Formula $C_{27}H_{45}NO_2$ M.Wt 415.65

Solubility DMSO : 100 mg/mL (240.59 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.

Structure



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

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Background

Hupehenine, a bioactive isosteroidal alkaloid, is a main antitussive components present in most of Fritillariae Bulbus[1].

[1]. Wu X, et al. Investigation of association of chemical profiles with the tracheobronchial relaxant activity of Chinese medicinal herb Beimu derived from various Fritillaria species. J Ethnopharmacol. 2018 Jan 10;210:39-46.

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