

Product Data Sheet

Product Name: Delsoline

Cat. No.: GC38153

Chemical Properties

Cas. No. 509-18-2

SMILES O[C@@H]1C(C(N(CC)C2)C3(O)[C@H]4OC)([C@@](C[C@@]5([H])[C@@H]6OC)([H])[C@@]6([H])[C@@]3(C[C@@H]5OC)O)[C@@]4([H])[C@@]2(COC)CC1

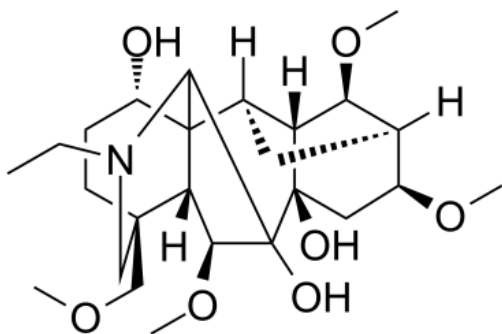
Formula $C_{25}H_{41}NO_7$ M.Wt 467.6

Solubility DMSO : 6.67 mg/mL (14.26 mM); ultrasonic and warming and heat to 60°C) Storage Store at -20°C

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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Delsoline, a major alkaloid of Delphinium anthriscifolium Hance, has both a curare-like effect and a ganglion-blocking effect and is used to relieve muscle tension or hyperkinesia. D. anthriscifolium Hance has effects of dispelling wind and dampness, activating collaterals, and relieving pains and is used to treat rheumatism, hemiplegia, indigestion, and cough[1].

[1]. Shao L, et al. Pharmacokinetics and UPLC-MS/MS of Delsoline in Mouse Whole Blood. J Anal Methods Chem. 2018 Oct 11;2018:9412708.

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