

Product Data Sheet

Product Name: Neoline
Cat. No.: GC39009

Chemical Properties

Cas. No. 466-26-2

SMILES O[C@@H]1C23[C@@]4([H])[C@](COC)(CN(CC)C2C([C@]5(O)[C@]6([H])[C@@]3([H])C[C@@]([C@@H](OC)C5)([H])[C@@H]6O)[C@@H]4OC)CC1

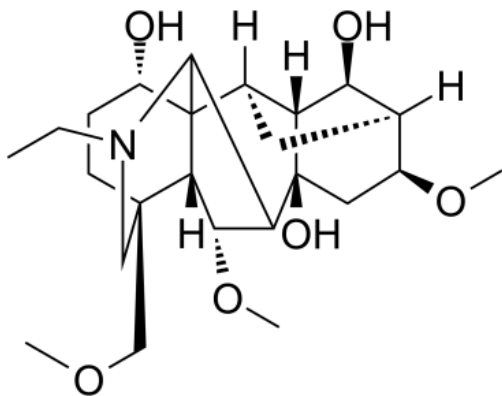
Formula $C_{24}H_{39}NO_6$ M.Wt 437.57

Solubility DMSO: 250 mg/mL (571.34 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

Neoline, the active ingredient of processed aconite root (PA), alleviated oxaliplatin-induced peripheral

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

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neuropathy in mice. Neoline can be used as a marker compound to determine the quality of the PA products for the treatment of neuropathic pain[1].

[1]. Tanimura Y, et al. Neoline is the active ingredient of processed aconite root against murine peripheral neuropathic pain model, and its pharmacokinetics in rats. J Ethnopharmacol. 2019 Sep 15;241:111859.

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