

Product Data Sheet

Product Name: Oxysophoridine

Cat. No.: GC63942

Chemical Properties

Cas. No. 54809-74-4

Formula C₁₅H₂₄N₂O₂

M.Wt 264.36

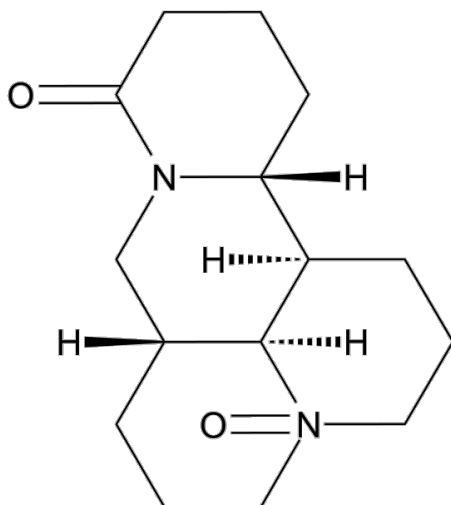
Solubility Water : 125 mg/mL (472.84 mM; Need ultrasonic)|DMSO : 25 mg/mL (94.57 mM; ultrasonic and warming and heat to 60°C)

Storage 4°C, away from moisture and 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

Oxysophoridine (Sophoridine N-oxide) is a bioactive alkaloid extracted from the *Sophora alopecuroides* Linn. Oxysophoridine (Sophoridine N-oxide) shows anti inflammatory, anti oxidative stress and anti apoptosis effects[1][2].

[1]. Cao Z, et al. Oxysophoridine rescues spinal cord injury via anti inflammatory, anti oxidative stress

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

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and anti apoptosis effects. Mol Med Rep. 2018 Feb;17(2):2523-2528.

[2]. Wang YS, et al. Anti-inflammation Effects of Oxysophoridine on Cerebral Ischemia-Reperfusion Injury in Mice. Inflammation. 2015 Dec;38(6):2259-68.

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