

Product Data Sheet

Product Name: Scopine
Cat. No.: GC14220

Chemical Properties

Cas. No. 498-45-3

Chemical Name (1R,2R,4S,5S,7s)-9-methyl-3-oxa-9-azatricyclo[3.3.1.0^{2,4}]nonan-7-ol

SMILES [H][C@]12O[C@@]1([H])[C@@](C3([H])[H])([H])N(C([H])([H])[H])[C@]2([H])C([H])([H])[C@@]3([H])O[H]

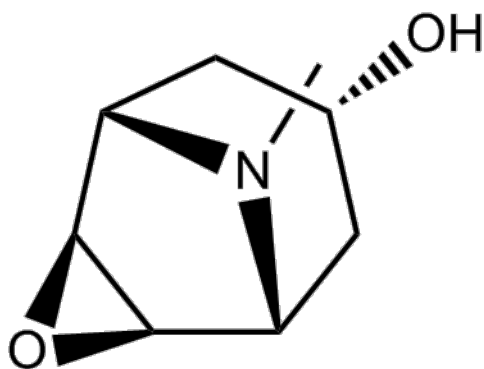
Formula C₈H₁₃NO₂ M.Wt 155.19

Solubility ≥ 7.6mg/mL in DMSO 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



Background

Scopine is the metabolite of anisodine, which is a α 1-adrenergic receptor agonist and used in the treatment of acute circulatory shock. Target: α 1-Adrenergic Receptor Scopine is a tropane alkaloid found in a variety of plants including Mandragora root, Senecio mikanioides (Delairea odorata),

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

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Scopolia carniolica and Scopolia lurida. Scopolamine can be prepared by the hydrolysis of scopolamine.
From Wikipedia.

References:

[1]. <http://en.wikipedia.org/wiki/Scopolamine>

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