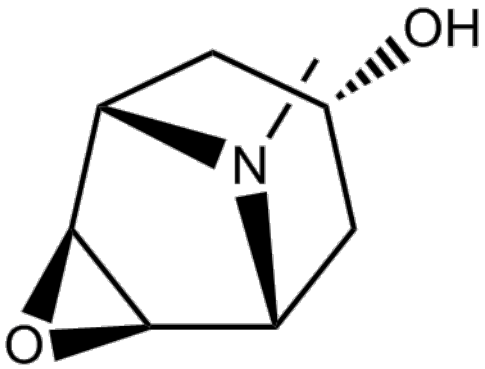
# Product Data Sheet

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[3.3.1.02,4]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 | $C_8H_{13}NO_2$ | 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 α1-adrenergic receptor agonist and used in the treatment of acute circulatory shock. Target: α1-Adrenergic ReceptorScopine is a tropane alkaloid found in a variety of plants including Mandragora root, Senecio mikanoides (Delairea odorata),

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

References:

[1]. http://en.wikipedia.org/wiki/Scopine

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

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