

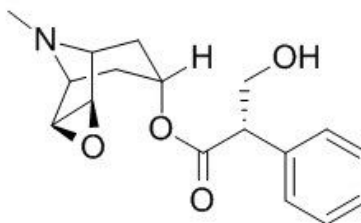
# Atroscine Datasheet

4<sup>th</sup> Edition (Revised in July, 2016)

## [ Product Information ]

**Name:** Atroscine**Catalog No.:** CFN00227**Cas No.:** 138-12-5**Purity:** > 98%**M.F:** C<sub>17</sub>H<sub>21</sub>NO<sub>4</sub>**M.W:** 303.36**Physical Description:** Powder**Synonyms:** Azatricyclo [3.3.1.0<sup>2,4</sup>] non-7-yl ester; (-)-Scopolamine;Benzeneaceticacid,  $\alpha$  -(hydroxymethyl)-,(1  $\alpha$  ,2  $\beta$  ,4  $\beta$  ,5  $\alpha$  ,7  $\beta$  )-9-methyl-3-oxa-9-;

(1R,2R,4S,5S)-9-methyl-3-oxa-9-azatricyclo[3.3.1.0~2,4~]non-7-yl-3-hydroxy-2-phenylpropanoate.



## [ Intended Use ]

1. Reference standards;
2. Pharmacological research;
3. Synthetic precursor compounds;
4. Intermediates & Fine Chemicals;
5. Others.

## [ Source ]

The herbs of *Atropa belladonna* L.

## **[ Biological Activity or Inhibitors ]**

Atroscine has adrenolytic activity by its ability to antagonize the lethal effect of epinephrine in rats.<sup>[1]</sup>

## **[ Solvent ]**

Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

## **[ HPLC Method ]**

Not data available.

## **[ Storage ]**

2-8°C, Protected from air and light, refrigerate or freeze.

## **[ References ]**

[1] Luduena F P, Branin M J. *J. Pharm. Sci.*, 1966, 55(3):280-4.

## **[ Contact ]**

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