[Product Information]

Name: Stachydrine hydrochloride
Catalog No.: CFN98506
Cas No.: 4136-37-2
Purity: \( \geq 98\% \)
M.F: \( \text{C}_7\text{H}_{14}\text{ClNO}_2 \)
M.W: 179.64
Physical Description: Powder
Synonyms: (S)-2-Carboxy-1,1-dimethylpyrrolidinium chloride;
1,1-Dimethylpyrrolidinium-2-carboxylate hydrochloride.

[Intended Use]

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

[Source]

The flower of Chrysanthemum parthenium.

[Biological Activity or Inhibitors]
The Th1/Th2/Th17/Treg paradigm plays an important role in achieving maternal-fetal immunotolerance and participates in RU486-induced abortion, stachydrine hydrochloride has immunopharmacologic effects on inducing the Th1/Th2/Th17/Treg paradigm in reducing the uterine bleeding volume in RU486-induced abortion mice.\[1\]

**[Solvent]**

Pyridine, Methanol, Ethanol, etc.

**[HPLC Method]**\[2\]

Mobile phase: 15 mM Potassium dihydrogen phosphate(containing 0.04\%triethylamine and 0.15\%phosphoric acid);
Flow rate: 1.0 ml/min;
Column temperature: 22 °C;
The wavelength of determination: 192 nm.

**[Storage]**

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

**[References]**


**[Contact]**

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