

(+)-Matrine

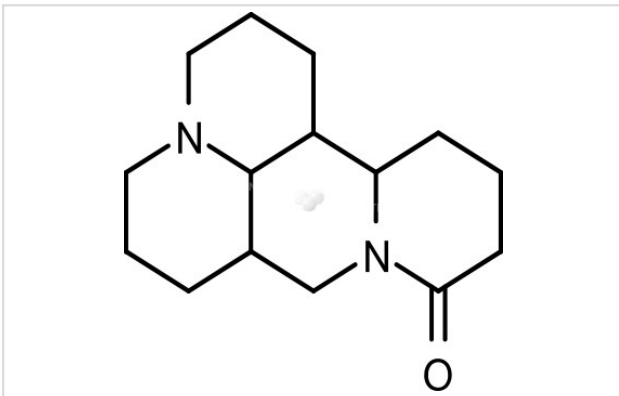
Catalog No: #S2870

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Description

| | |
|-------------------|--|
| Product Name | (+)-Matrine |
| Brief Description | Inhibitors |
| Purification | 99.50% |
| Target Name | Opioid Receptor agonist |
| Calculated MW | 248.37 |
| Formulation | C ₁₅ H ₂₄ N ₂ O |
| Storage | 3 years -20°C powder; 2 years -80°C in solvent; |

Images



Product Description

Research Area: Nervous system
 SMILES: C1C[C@@H]2[C@H]3CCCN4[C@H]3[C@@H](CCC4)CN2C(=O)C1
 Pathways: Endocrinology/Hormones; GPCR/G Protein; Neuroscience
 Receptor: κ -opioid receptor
 Boiling pt: Melting pt: Solubility: Ethanol: 49 mg/mL (197.29 mM); Water: 11 mg/mL warmed (44.29 mM); DMSO: 49 mg/mL (197.29 mM)
 Appearance: White Powder
 Remark: 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 month.

References

1. Ren H, et al. Acta Biochim Biophys Sin (Shanghai). 2014 Dec;46(12):1049-55.

Note: This product is for in vitro research use only