

Rotundine, TETRAHYDROPALMATINE HYDROCHLORIDE

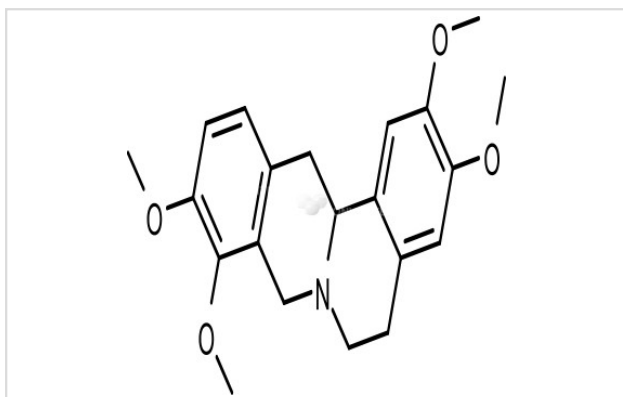
Catalog No: #S2714

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Description

Product Name	Rotundine, TETRAHYDROPALMATINE HYDROCHLORIDE
Brief Description	Inhibitors
Purification	99.97%
Target Name	5-HT Receptor antagonist; Dopamine Receptor antagonist
Calculated MW	355.43
Formulation	C ₂₁ H ₂₅ NO ₄
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research Area: Other
 SMILES: COC1=C(OC)C=C2C3CC4=C(CN3CCC2=C1)C(OC)=C(OC)C=C4
 Pathways: GPCR/G Protein;
 Neuroscience Receptor: 5-HT_{1A}; D₁; D₂; D₃
 Boiling pt: Melting pt: 141-144°C
 Solubility: DMSO: 8 mg/mL (22.5 mM)
 Appearance: 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 months.

References

1. Wang JB, et al. Future Med Chem, 2012, 4(2), 177-186.

Note: This product is for in vitro research use only