

Catalog Number: CM00485

产品信息

Catalog Number:
CM00485

CAS号:
483-14-7

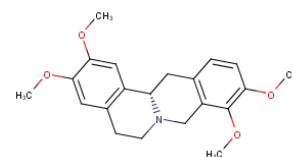
分子式:
C₂₁H₂₅NO₄

主要靶点:
Dopamine Receptor|5-HT
Receptor

主要通路:
G蛋白偶联受体|神经科学

分子量:
355.43

溶解度:
Ethanol:<1 mg/mL,H₂O:<1
mg/mL,DMSO:8 mg/mL (22.5 mM)



靶点活性

D1 receptor:166 nM

体外活性

Cidofovir inhibits human cytomegalovirus (HCMV) infection in cultured cells. Cidofovir is inhibitory to CMV plaque formation even when added to the cells at 48 hr post infection with IC₅₀ of 0.9 μg/mL for Davis and 1.6 μg/mL for AD-169 strains, respectively. [1] Cidofovir also inhibits herpes simplex virus infection. In addition, Cidofovir blocks cell fusion induced by HSV-1 in monkey kidney cells and blocks the expression of HSV-L-specific proteins and the synthesis of viral DNA. [3]

描述

Rotundine (L-tetrahydropalmatine, L-THP) is a selective dopamine D1 receptor antagonist with IC₅₀ of 166 nM.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years