

Catalog Number: CM03247

产品信息

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CM03247

CAS号:
76-66-4

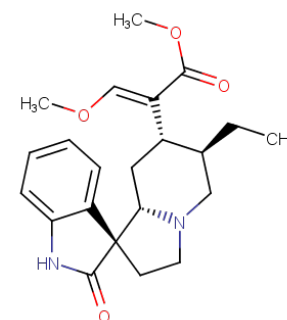
分子式:
C₂₂H₂₈N₂O₄

主要靶点:
NF-κB|Calcium Channel

主要通路:
代谢|NF-κB信号通路|离子通道

分子量:
384.47

溶解度:
DMSO:25 mg/mL (65.02 mM)



描述

1. Rhynchophylline (Mitrinermine) can protect against ischemic damage, probably via regulating the Akt/mTOR pathway. 2. Rhynchophylline can protect against glutamate-induced neuronal death, can inhibit MA impairment in cultured neurons in vitro. 3. Rhynchophylline and isorhynchophylline have a non-competitive antagonistic effect on the NMDA-type ionotropic glutamate receptors, suggest that these alkaloids exert their protective action against ischemia-induced neuronal damage by preventing NMDA, muscarinic M1, and 5-HT₂ receptors-mediated neurotoxicity during ischemia.

储存

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