
Metergoline

产品编号: D61408

CAS: 17692-51-2

分子式: C₂₅H₂₉N₃O₂

纯度: 98%

InChi Key: InChiKey=WZHJKEUHNJHDLS-QTGUNEKASA-N

Smiles: CN1C[C@@H](C[C@H]2[C@H]1Cc1cn(c3cccc2c13)C)CNC(=O)OCc1cccc1

外观: 固体粉末

作用通路: GPCR/GProtein

作用靶点: 5-HT Receptor; Dopamine Receptor; Sodium Channel

溶解性: DMSO: 125 mg/mL (309.77 mM; Need ultrasonic)

保存条件: -20°C

产品介绍: Metergoline is a serotonin (5-HT) receptor and dopamine receptors antagonist, with pK_is of 8.64, 8.75 and 8.75 for 5-HT_{2A}, 5-HT_{2B} and 5-HT_{2C}, respectively. Metergoline is a high-affinity ligand for the h5-HT₇ receptor, with a K_i of 16 nM. Metergoline is also a reversible neural Na⁺ channels inhibitor. Metergoline is commonly used for the research of seasonal affective disorder, prolactin hormone regulation.