
Nutlin-3a

产品编号: D60867

CAS: 675576-98-4

分子式: C₃₀H₃₀Cl₂N₄O₄

纯度: 98%

InChi Key: InChIKey=BDUHCSBCVGXTJM-WUFINQPMISA-N

Smiles: CC(C)Oc1c(ccc(c1)OC)C1=N[C@H]([C@H](N1C(=O)N1CCNC(=O)C1)c1ccc(cc1)Cl)c1ccc(cc1)Cl

外观: 固体粉末

作用通路: Apoptosis

作用靶点: Apoptosis; Autophagy; E1/E2/E3 Enzyme; MDM-2/p53

溶解性: DMSO: ≥ 100 mg/mL (171.97 mM)

保存条件: -20°C

产品介绍: Nutlin-3a (Rebemadlin), an active enantiomer of Nutlin-3, is a potent murine double minute (MDM2) inhibitor (IC₅₀=90 nM). Nutlin-3a inhibits MDM2-p53 interactions and stabilizes the p53 protein, and induces cell autophagy and apoptosis. Nutlin-3a has the potential for the study of TP53 wild-type ovarian carcinomas