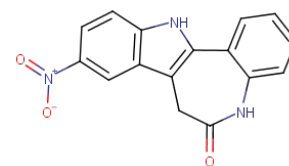


Catalog Number: CM03365

产品信息

Catalog Number:
CM03365CAS号:
237430-03-4分子式:
 $C_{16}H_{11}N_3O_3$ 主要靶点:
GSK-3|Apoptosis|CDK主要通路:
凋亡|PI3K/Akt/mTOR信号通路|干
细胞|细胞周期分子量:
293.28溶解度:
DMSO:12 mg/mL (40.92 mM)

靶点活性

Cdk1/cyclin B:35 nM|K2/Cyc E:200 nM|CDK5/p35:40 nM|cdk2/cyclin A:15 nMCD

体外活性

Alsterpaullone inhibited HeLa cells in a time-dependent (0-72 h) and dose-dependent (0-30 μ M) manner. In the presence of alsterpaullone, HeLa cells were arrested in G2/M prior to undergoing apoptosis via a mechanism that is involved in the regulation of various antiapoptotic genes, DNA-repair, transcription, and cell cycle progression. Compared to controls, alsterpaullone effectively prevented HeLa cells from entering S-phase. These potential therapeutic efficacies could be correlated with the activation of caspase-3[1].

描述

Alsterpaullone is a Cyclin-Dependent Kinase Inhibitor, Mediated Toxicity in HeLa Cells Through Apoptosis-Inducing Effect

储存

Powder: -20°C for 3 years | In solvent: -80°C for 1 year