

Catalog Number: CM06449

产品信息

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CM06449

CAS号:
304896-28-4

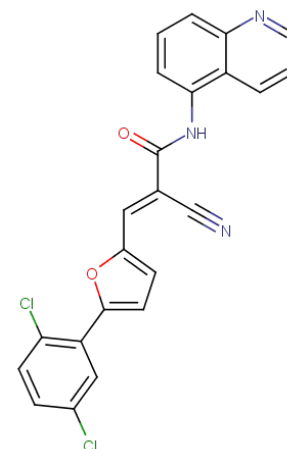
分子式:
C₂₃H₁₃Cl₂N₃O₂

主要靶点:
Sirtuin|Apoptosis

主要通路:
表观遗传|DNA损伤和修复|凋亡

分子量:
434.27

溶解度:
DMSO:4.3 mg/mL (10 mM)



靶点活性

SIRT2:3.5 μM

体外活性

In SIRT2-myc-expressing HeLa cells, AGK2 effectively inhibits the activity of SIRT2, and increases acetylated tubulin. AGK2 protects dopaminergic neurons from α-Syn-induced toxicity in primary midbrain cultures. [1] AGK2 induces both necrosis and caspase-3-dependent apoptosis in C6 glioma cells. [2] SIRT2 also decreases merlin-mutant viability of mouse schwann cells (MSCs) without substantially reducing wild-type MSC viability. [3]

体内活性

In drosophila model of parkinson's disease, AGK2 rescues α-Syn-mediated toxicity and modify aggregation. [1]

描述

AGK2 (IC₅₀=3.5 μM) is an effective, and specific SIRT2 inhibitor.

储存

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