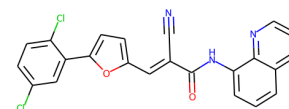


Catalog Number: CM15427

产品信息

Catalog Number:
CM15427**CAS号:**
304896-21-7**分子式:**
 $C_{23}H_{13}Cl_2N_3O_2$ **主要靶点:**
Others|Sirtuin**主要通路:**
DNA损伤和修复|其他|表观遗传**分子量:**
434.27**溶解度:**
DMSO:0.5 mg/mL

体外活性

AGK2 is a selective SIRT2 inhibitor with IC₅₀ value of 3.5 μ M. AGK2 slightly inhibited SIRT1 and 3 only at concentrations over 40 μ M. Relative to an inactive control AGK7, AGK2 increased acetylated tubulin. In H4 cells transfected with α -Syn, AGK2 reduced α -Syn-mediated toxicity in a dose-dependent way. By contrast, the inactive AGK7 had no effect. In H4 cells cotransfected with α -Syn and synphilin-1, the inactive AGK7 failed to affect α -Syn aggregation, whereas AGK2 promoted the formation of enlarged inclusions [1].

描述

AGK7 is an inactive control of AGK2, a selective SIRT2 inhibitor that selectively inhibits SIRT3 over SIRT1 and SIRT2 (IC₅₀ = >5 μ M, >50 μ M and >50 μ M for SIRT3, SIRT1, and SIRT2, respectively).

储存

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