

Catalog Number: CM11540

产品信息

Catalog Number:
CM11540

CAS号:
522650-91-5

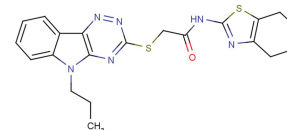
分子式:
C₂₁H₂₂N₆O₂

主要靶点:
Sirtuin

主要通路:
DNA损伤和修复|表观遗传

分子量:
438.57

溶解度:
DMSO:4.0 mg/mL (9.2 mM),ultrasonic and warming and heat to 70°C



靶点活性

SIRT2:1.3 μM

体外活性

SIRT2-IN-9 (1-100 μM; 15 min) dose-dependently inhibits SRIT2 (IC₅₀=1.3 μM), and inhibits SRIT1 and SRIT3 (IC₅₀s>300 μM).[1] SIRT2-IN-9 (0-50 μM; 72 h) affects the cell viability of MCF-7 cells and dose-dependently inhibited cell proliferation of MCF-7 breast cancer cells.[1] SIRT2-IN-9 (0-50 μM; 6 h) affects acetylation of α-tubulin protein.[1]

描述

SIRT2-IN-9 is a selective SRIT2 inhibitor with an IC₅₀ value of 1.3 μM.SIRT2-IN-9 inhibits the proliferation of MCF-7 breast cancer cells.SIRT2-IN-9 can be used for cancer research.

储存