

Catalog Number: CM06451

## 产品信息

**Catalog Number:**  
CM06451

**CAS号:**  
374922-43-7

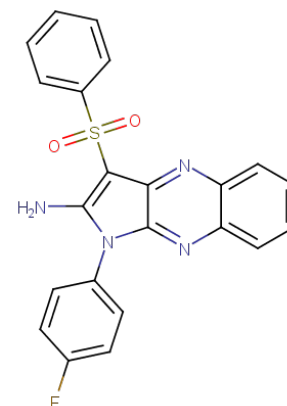
**分子式:**  
C<sub>22</sub>H<sub>15</sub>N<sub>4</sub>O<sub>2</sub>S

**主要靶点:**  
Sirtuin

**主要通路:**  
DNA损伤和修复|表观遗传

**分子量:**  
418.44

**溶解度:**  
DMSO:41.8 mg/mL(100 mM)



## 描述

CAY10602 is a SIRT1 activator. CAY10602 was derived from high throughput screening for compounds that increase SIRT1-mediated deacetylation of a SIRT1-specific substrate. Functional assays show that CAY10602 dose-dependently suppresses the NF- $\kappa$ B-dependent induction of TNF- $\alpha$  by lipopolysaccharide in THP-1 cells, with approximately 75% inhibition achieved at 60  $\mu$ M, without cytotoxicity.

## 储存

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