

Datasheet for ABIN7233290  
**SirtAct (CAY-10591)**



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1 Image

## Overview

Quantity: 5 mg

Application: Inhibition (Inh)

## Product Details

Purpose: SIRT1 activator

Characteristics: Sirt1 activator (233 % at 10  $\mu$ M)1 Suppresses TNF $\alpha$  release from THP-1 cells and stimulates adipogenesis in 3T3L1 cells. SIRT1 stimulation by SirtAct leads to decreased tissue factor mediated thrombogenicity in mice. Inhibits NF $\kappa$ B activation and reduces inflammatory cytokine production in lamina propria mononuclear cells from IBD patients. Prevents and cures experimental colitis in a mouse model.

Purity: >98 %

Chemical Name: 2-Amino-N-cyclopentyl-1-(3-methoxypropyl)-1H-pyrrolo[2,3-b]quinoxaline-3-carboxamide

Formula: C<sub>20</sub>H<sub>25</sub>N<sub>5</sub>O<sub>2</sub>

Solubility: Soluble in DMSO (up to 50 mg/ml) or in Ethanol (up to 20 mg/ml).

## Target Details

Background: CAY10591,Posttranslational modification,Epigenetics,Chromatin,Protein deacetylase,Diabetes,Inflammation,Cytokine,NFkappaB

Molecular Weight: 367.46

CAS-No: 839699-72-8

## Application Details

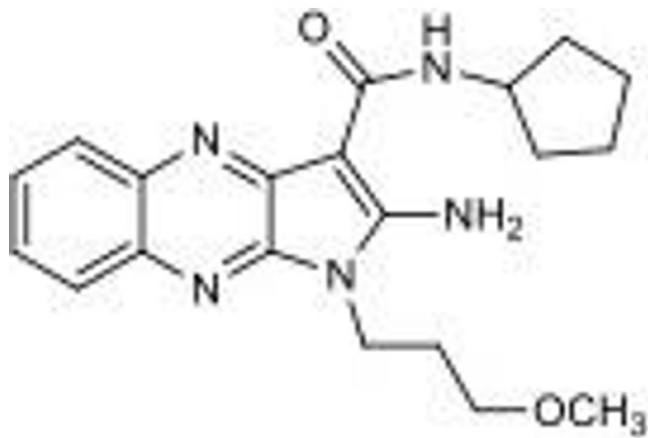
Restrictions: For Research Use only

## Handling

Format: Powder

Storage: -20 °C

## Images



### Molecule

Image 1. /