

SJB3-019A

Catalog No: tcsc1649



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

Formula:

$C_{16}H_8N_2O_3$

Pathway:

Cell Cycle/DNA Damage

Target:

Deubiquitinase

Purity / Grade:

>98%

Solubility:

DMSO : 10 mg/mL (36.20 mM; Need ultrasonic)

Observed Molecular Weight:

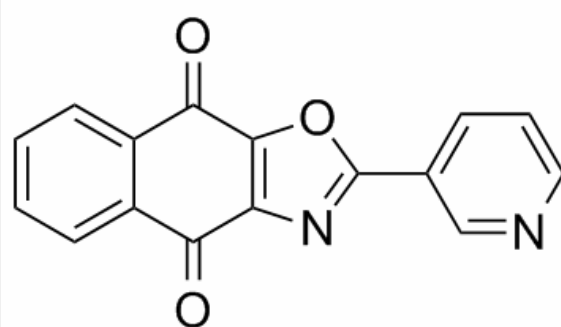
276.25

Product Description

SJB3-019A is a potent and novel **USP1** inhibitor, 5 times more potent than SJB2-043 in promoting ID1 degradation and cytotoxicity in K562 cells with **IC₅₀** of 0.0781 μ M.

IC50 & Target: IC50: 78.1 nM (ID1)

In Vitro: SJB3-019A ($IC_{50}=0.0781 \mu\text{M}$) is 5 times more potent than SJB2-043 in promoting ID1 degradation and cytotoxicity in K562 cells. SJB3-019A increases the levels of Ub-FANCD2 and Ub-PCNA, and decreases the HR activity^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!