

# DUBs-IN-1

Catalog No: tcsc2849



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

924296-18-4

**Formula:**

$C_{20}H_{11}N_5O$

**Pathway:**

Cell Cycle/DNA Damage

**Target:**

Deubiquitinase

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 20 mg/mL (59.29 mM; Need ultrasonic and warming)

**Observed Molecular Weight:**

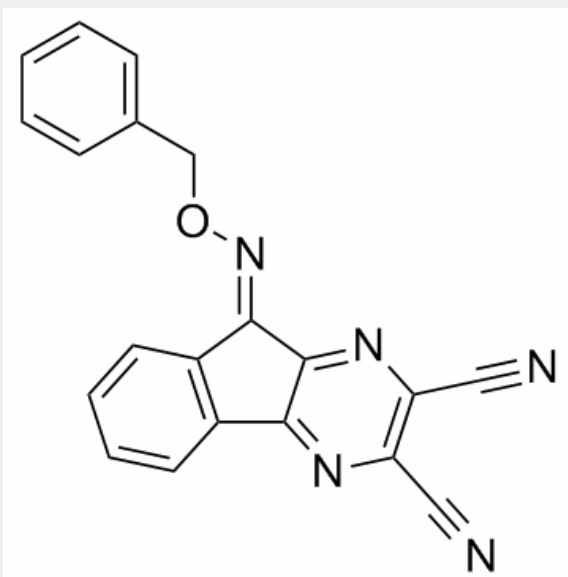
337.33

## Product Description

DUBs-IN-1 is an active inhibitor of **ubiquitin-specific proteases (USPs)**, with an **IC<sub>50</sub>** of 0.24 μM for USP8.

IC50 & Target: IC50: 0.24  $\mu$ M (USP8)<sup>[1]</sup>

***In Vitro:*** DUBs-IN-1 (22 f) is an active inhibitor of ubiquitin-specific proteases, with an IC<sub>50</sub> of 0.24  $\mu$ M for USP8. DUBs-IN-1 is inactive toward USP7 (IC<sub>50</sub>, >100  $\mu$ M). DUBs-IN-1 and its analogs reduce the viability of HCT116 colon and PC-3 prostate cancer cell lines with IC<sub>50</sub>s ranging from 0.5  $\mu$ M to 1.5  $\mu$ M<sup>[1]</sup>.



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