

# AZD0156

Catalog No: tcsc5889



## Available Sizes

**Size:** 5mg

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

1821428-35-6

**Formula:**

$C_{26}H_{31}N_5O_3$

**Pathway:**

Cell Cycle/DNA Damage;PI3K/Akt/mTOR

**Target:**

ATM/ATR;ATM/ATR

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 6.2 mg/mL (13.43 mM; Need ultrasonic and warming)

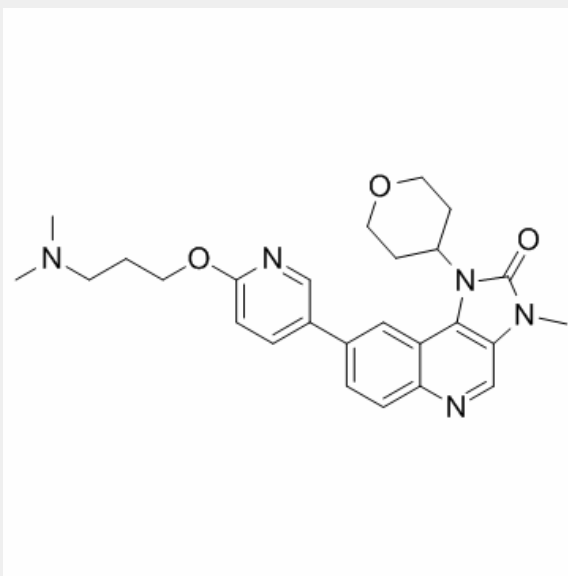
**Observed Molecular Weight:**

461.56

## Product Description

AZD0156 is an oral, potent and selective **ATM** inhibitor with an **IC<sub>50</sub>** of 0.58 nM.

***In Vitro:*** AZD0156 inhibits the kinase activity of ATM and ATM-mediated signaling, prevents DNA damage checkpoint activation, and disrupts DNA damage repair, induces tumor cell apoptosis, and leads to cell death in ATM-overexpressing tumor cells<sup>[1]</sup>.



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