

# AZD1390

**Catalog No: tcsc8217**



## Available Sizes

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**Size:** 1mg

**Size:** 5mg

**Size:** 10mg

**Size:** 25mg

**Size:** 50mg



## Specifications

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**CAS No:**

2089288-03-7

**Formula:**

$C_{27}H_{32}FN_5O_2$

**Pathway:**

Cell Cycle/DNA Damage;PI3K/Akt/mTOR

**Target:**

ATM/ATR;ATM/ATR

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 25 mg/mL (52.35 mM; Need ultrasonic and warming)

**Observed Molecular Weight:**

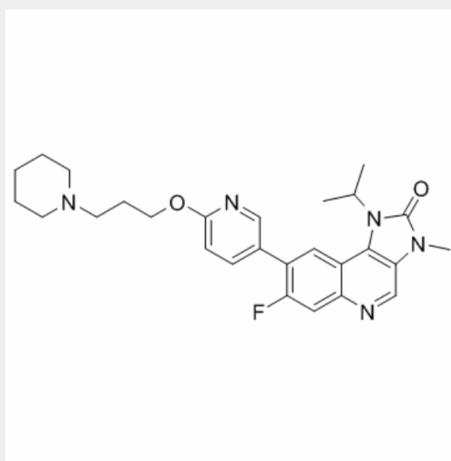
477.57

## Product Description

AZD1390 is an **ATM** inhibitor.

IC50 & Target: ATM<sup>[1]</sup>

**In Vivo:** Median survival of mice treated with AZD1390 and radiation are significantly longer than untreated control mice ( $p=0.001$ ). No overt signs of treatment toxicity are observed with small animal radiation research platform (SARRP) contrary to wholehead irradiated mice that seem to develop mucositis and difficulties drinking and eating at doses  $>10$  Gy in combination with AZD1390<sup>[2]</sup>.



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