

AZD1390

Catalog No: tcsc8217



Available Sizes

Size: 1mg

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg



Specifications

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:

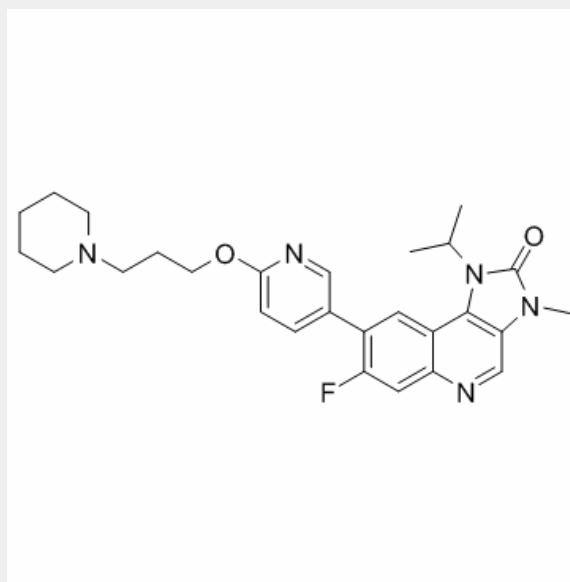
477.57

Product Description

AZD1390 is an **ATM** inhibitor.

IC50 & Target: ATM^[1]

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^[2].



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