

M3814

Catalog No: tcsc0021723



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1637542-33-6

Formula:

$C_{24}H_{21}ClFN_5O_3$

Pathway:

PI3K/Akt/mTOR;Cell Cycle/DNA Damage

Target:

DNA-PK;DNA-PK

Purity / Grade:

>98%

Solubility:

DMSO : 250 mg/mL (518.77 mM; Need ultrasonic and warming)

Alternative Names:

nedisertib

Observed Molecular Weight:

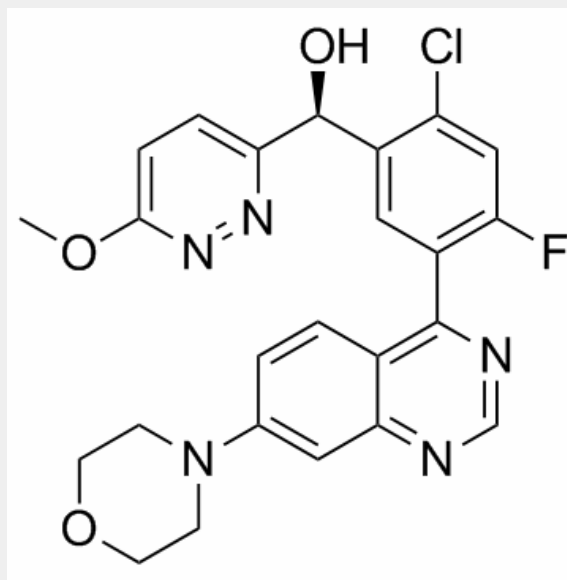
481.91

Product Description

M3814 is a potent and selective inhibitor of **DNA-dependent Protein Kinase (DNA-PK)**.

IC50 & Target: DNA-PK^[1]

In Vivo: In combination with IR, M3814 shows efficacy in all of the 6 mouse models of human cancer. In all models, a dose of 2 Gy administered daily for 1 week in combination with M3814 induces statically significant tumor growth inhibition compare to IR alone. M3814, alone or in combination with IR, does not induce significant weight loss or visual signs of toxicity in the mice in any study^[1].



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