



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 CIFN ₅ O 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!