

PMV6-PEG4-BI2536

## Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	PMV6-PEG4-BI2536 is a dual-functional compound targeting both p53-Y220C and PLK1. It consists of a high-affinity binder for the p53-Y220C mutant ( $K_d \approx 2.5$ nM) and a potent PLK1 kinase inhibitor ( $IC_{50} = 0.83$ nM). This compound induces G2/M arrest and apoptosis in TP53Y220C cells through PLK1 mislocalization and kinase inhibition, independent of p53 transcriptional reactivation. PMV6-PEG4-BI2536 is applicable for researching TP53 mutant cancers.
Targets( $IC_{50}$ )	MDM-2/p53

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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