

p53-MDM2-IN-2

## 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	p53-MDM2-IN-2 (Compound 5q) is an orally active p53-MDM2 inhibitor with a $K_i$ value of 0.25 $\mu\text{M}$ . It exhibits antitumor activity by inhibiting the NF- $\kappa\text{B}$ pathway.
Targets(IC50)	NF- $\kappa\text{B}$ ,MDM-2/p53
In vitro	p53-MDM2-IN-2 (0.1-20 $\mu\text{M}$ , 4 h) enhances p65 levels in the cytoplasm and nucleus of A549 cells in a dose-dependent manner.
In vivo	At a dosage of p53-MDM2-IN-2 (200 mg/kg, Gavage, 14 days), this compound effectively inhibits tumor growth in an A549 xenograft model.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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