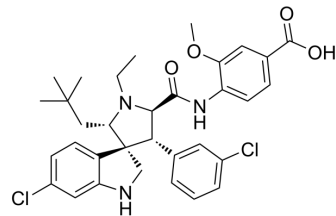


JN122

Cat. No.:	HY-163083
Molecular Formula:	C ₃₃ H ₃₇ Cl ₂ N ₃ O ₄
Molecular Weight:	610.57
Target:	MDM-2/p53; Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	JN122, a spiroindoline-containing molecule, is a MDM2 inhibitor. JN122 Inhibits MDM2/p53 protein-protein interaction and exerts robust in vivo antitumor efficacy. JN122 has antiproliferative activity in HCT-116 cells and HEK-293 cells with IC ₅₀ values of 39.6 nM and 4.28μM, respectively. JN122 can promote activation of p53 and its target genes, inhibited cell cycle progression, and induced cell apoptosis ^[1] .
IC ₅₀ & Target	IC50: 39.6 nM (HCT-116 cells); 4.28μM (HEK-293 cells) ^[1] .

REFERENCES

[1]. Cheng J, et al. Discovery of JN122, a Spiroindoline-Containing Molecule that Inhibits MDM2/p53 Protein-Protein Interaction and Exerts Robust In Vivo Antitumor Efficacy. J Med Chem. 2023 Dec 7.

Caution: Product has not been fully validated for medical applications. For research use only.

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