

Product Name : DIMP53-1

Synonyms : —

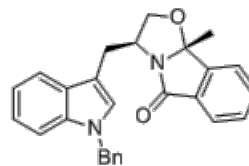
Cat No. : M17082

CAS Number :

Molecular Formula : C₂₇H₂₄N₂O₂

Formula Weight : 408.50

Chemical Name : (3S,9bR)-3-((1-benzyl-1H-indol-3-yl)methyl)-9b-methyl-2,3-dihydrooxazolo[2,3-a]isoindol-5(9bH)-one



Description : A novel small-molecule dual inhibitor of p53-MDM2/X interactions by potentially binding to p53, without effect on other MDM; causes growth inhibition, mediated by p53 stabilization and upregulation of p53 transcriptional targets involved in cell cycle arrest and apoptosis; shows a p53-dependent antitumor activity in human tumor xenograft mice models; a novel p53 activator.

Pathway : Apoptosis

Target : MDM2-p53

Receptor : MDM2-p53

Solubility : —

SMILES : O=C1N2[C@@](OC[C@@H]2CC3=CN(CC4=CC=CC=C4)C5=C3C=CC=C5)(C)C6=C1C=CC=C6

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Soares J, et al. Mol Oncol. 2017 Jun;11(6):612-627.