

MDM2-IN-24

Chemical Properties

CAS No. :

Formula: C₃₃H₂₅Br₂P

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	MDM2-IN-24 (Compound A3f) exhibits characteristics of MDM2 inhibition and MDMX activation in triple-negative breast cancer cells, showing pro-apoptotic (apoptosis) and anti-proliferative activities.
Targets(IC50)	Apoptosis,MDM-2/p53
In vitro	MDM2-IN-24 is a G-quadruplex ligand that binds to the G-rich sequences of MDM2 and MDMX with dissociation constants of 4.9 and 5.2 μ M, respectively. At a concentration of 6 μ M, MDM2-IN-24 inhibits MDM2, leading to the induction of proliferation and apoptosis in TNBC cells. Additionally, MDM2-IN-24 exhibits cytotoxicity against HCC1937 cells, resulting in a cell viability rate of 27.7%.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481