

HQY1428

Chemical Properties

CAS No. :

Formula: C₂₅H₂₈ClFN₆O₃S

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	HQY1428 is an orally active CDK12 inhibitor. It impedes DNA replication, causing cell cycle arrest at the G2/M phase in SKOV3 cells, and induces DNA double-strand breaks as well as apoptosis. In the SKOV3 xenograft mouse model, HQY1428 demonstrates antitumor activity. Additionally, when combined with the HER2 inhibitor Lapatinib in the NCI-N87 xenograft mouse model, HQY1428 produces a synergistic therapeutic effect.
Targets(IC50)	Apoptosis,CDK,DNA/RNA Synthesis

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