

LIB3S0280

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	LIB3S0280 is a potent inhibitor of TBK1, with an IC50 of 493.9 nM. It suppresses TBK1 downstream signaling by reducing the phosphorylation of I κ B α and AKT. LIB3S0280 causes G2/M phase arrest and induces apoptosis in pancreatic cancer cells. Notably, it exhibits significant inhibitory effects on pancreatic cancer cell lines with high TBK1 expression, with a 96-hour IC50 value ranging from 6.64-10.98 μ M. LIB3S0280 shows potential for research in pancreatic ductal adenocarcinoma (PDAC).
Targets(IC50)	Apoptosis,Akt,I κ B/IKK

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