

SKLB-Y13

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	SKLB-Y13 is a selective inhibitor of YTHDF1 with an IC50 of 0.76 μ M. It binds to the m6A recognition pocket, disrupting the m6A-dependent YTHDF1-PRPF6 mRNA interaction, which impairs the translation of PRPF6, inhibits breast cancer cell proliferation, and promotes apoptosis. SKLB-Y13 exhibits antitumor activity, holding potential for targeted RNA epigenetic cancer therapy.
Targets(IC50)	Apoptosis

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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