

SKLB-D18

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-D18 is a potent and selective inhibitor of ERK1/2 and ERK5, with IC50 values of 38.69, 40.12, and 59.72 nM, respectively. It also serves as an autophagy agonist, influencing mTOR/p70S6K and NCOA4-mediated ferroptosis, potentially mitigating multidrug resistance. SKLB-D18 demonstrates significantly superior efficacy against triple-negative breast cancer (TNBC) in both in vitro and in vivo studies.
Targets(IC50)	ERK, Autophagy

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