

## Multi-target kinase inhibitor 2

### 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	Compound 5K (Multi-target kinase inhibitor 2) is a multi-targeted kinase inhibitor demonstrating activity against EGFR, Her2, VEGFR2, and CDK2 with IC50 values between 40 to 204 nM. It exhibits cytotoxic effects on HepG2, HeLa, MDA-MB-231, and MCF-7 cell lines, with IC50 values of 41, 57, 51, and 59 µM, respectively. Additionally, it induces cell cycle arrest and apoptosis specifically in HepG2 cells.
Targets(IC50)	EGFR,CDK,VEGFR

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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