

CHK1-IN-12

## Chemical Properties

CAS No. :

Formula: C19H19N7O2

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	CHK1-IN-12 (Compound example 1-5) is a highly selective and orally active checkpoint kinase 1 (CHK1) inhibitor, demonstrating an in vitro enzyme IC50 of $\leq 10$ nM and a cellular IC50 of $\leq 50$ nM. This compound suppresses the phosphorylation activity of CHK1 kinase, disrupts DNA damage response pathways, and induces tumor cell cycle arrest and apoptosis. CHK1-IN-12 shows promise for cancer research applications.
Targets(IC50)	Chk

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481