

TLK1-IN-1

## Chemical Properties

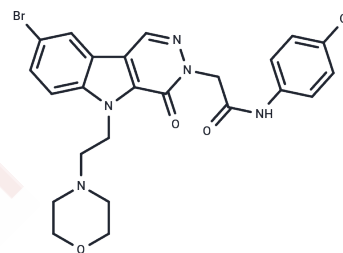
CAS No. :

Formula: C<sub>24</sub>H<sub>23</sub>BrClN<sub>5</sub>O<sub>3</sub>

Molecular Weight: 544.83

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	TLK1-IN-1 (Compound 5n) is a TLK1 inhibitor with an IC <sub>50</sub> of 7.2 μM for TLK1B and a GI <sub>50</sub> of 2.7 μM for LNCaP cells. It induces DNA damage and apoptosis (Apoptosis) in cancer cells and is applicable in prostate cancer research.
Targets(IC <sub>50</sub> )	Serine/threonin kinase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8354 mL	9.1772 mL	18.3543 mL
5 mM	0.3671 mL	1.8354 mL	3.6709 mL
10 mM	0.1835 mL	0.9177 mL	1.8354 mL
50 mM	0.0367 mL	0.1835 mL	0.3671 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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