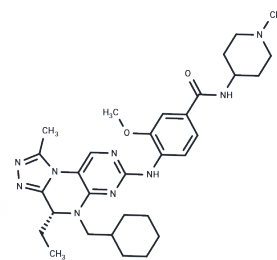


## PLK1/BRD4-IN-1

## Chemical Properties

CAS No. :	2412707-81-2
Formula:	C <sub>31</sub> H <sub>43</sub> N <sub>9</sub> O <sub>2</sub>
Molecular Weight:	573.73
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	PLK1/BRD4-IN-1 (9b) is an orally active dual inhibitor of PLK1 (IC <sub>50</sub> : 22 nM) and BRD4 (IC <sub>50</sub> : 109 nM) that demonstrates significant anti-tumor efficacy in vivo.
Targets(IC <sub>50</sub> )	Apoptosis,Others,Epigenetic Reader Domain,Androgen Receptor,c-Myc,PLK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.743 mL	8.7149 mL	17.4298 mL
5 mM	0.3486 mL	1.743 mL	3.486 mL
10 mM	0.1743 mL	0.8715 mL	1.743 mL
50 mM	0.0349 mL	0.1743 mL	0.3486 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