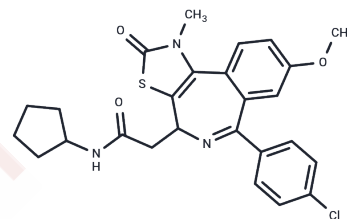


## BRD4 Inhibitor-18

## Chemical Properties

CAS No. : 2451219-73-9  
 Formula: C<sub>26</sub>H<sub>26</sub>ClN<sub>3</sub>O<sub>3</sub>S  
 Molecular Weight: 496.02  
 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	BRD4 Inhibitor-18 is a potent BRD4 inhibitor (IC <sub>50</sub> : 110 nM) with a hydrophobic acetylcyclopentane side chain. BRD4 Inhibitor-18 significantly reduces the proliferation of MV-4-11 cells with high BRD4 levels, inhibits G <sub>0</sub> /G <sub>1</sub> cycle activity, and promotes apoptosis. The inhibition of G <sub>0</sub> /G <sub>1</sub> cycle activity and apoptosis were also observed.
Targets(IC <sub>50</sub> )	Apoptosis,Others,Epigenetic Reader Domain,c-Myc

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.016 mL	10.0802 mL	20.1605 mL
5 mM	0.4032 mL	2.016 mL	4.0321 mL
10 mM	0.2016 mL	1.008 mL	2.016 mL
50 mM	0.0403 mL	0.2016 mL	0.4032 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