

TMX-3013

## Chemical Properties

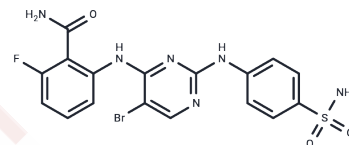
CAS No. : 2488761-18-6

Formula: C17H14BrFN6O3S

Molecular Weight: 481.3

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	TMX-3013 is a CDK inhibitor that targets multiple cyclin-dependent kinases, specifically suppressing the activity of CDK1, CDK2, CDK4, CDK5, and CDK6 with IC50 values of 0.9 nM, <0.5 nM, 24.5 nM, 0.5 nM, and 15.6 nM respectively. Additionally, TMX-3013 is utilized in the synthesis of PROTACs, which use polyethylene glycol (PEG) as a linker and Thalidomide as the CRBN-recruiting arm.
Targets(IC50)	CDK,JNK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0777 mL	10.3885 mL	20.7771 mL
5 mM	0.4155 mL	2.0777 mL	4.1554 mL
10 mM	0.2078 mL	1.0389 mL	2.0777 mL
50 mM	0.0416 mL	0.2078 mL	0.4155 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