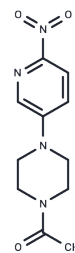


WAY-647802

Chemical Properties

CAS No. : 852225-20-8
 Formula: C₁₁H₁₄N₄O₃
 Molecular Weight: 250.25
 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	WAY-647802 is a CDK inhibitor.
Targets(IC50)	CDK

Solubility Information

Solubility	DMSO: 8.99 mg/mL (35.92 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.996 mL	19.980 mL	39.960 mL
5 mM	0.7992 mL	3.996 mL	7.992 mL
10 mM	0.3996 mL	1.998 mL	3.996 mL
50 mM	0.0799 mL	0.3996 mL	0.7992 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.

Reference

Tadesse S, Zhu G, Mekonnen LB, Lenjisa JL, Yu M, Brown MP, Wang S. A novel series of N-(pyridin-2-yl)-4-(thiazol-5-yl)pyrimidin-2-amines as highly potent CDK4/6 inhibitors. Future Med Chem. 2017 Sep;9(13):1495-1506.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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