

CDK2-IN-8

Chemical Properties

CAS No. :

Formula: C₂₂H₂₅N₅O₃

Molecular Weight: 407.47

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	CDK2-IN-8 is a potent CDK2 inhibitor (IC ₅₀ = 1.74 μM) that exhibits antiproliferative activity and can be used for melanoma research.
Targets(IC ₅₀)	Others,CDK
In vitro	CDK2-IN-8 (compound 8a) exhibits antiproliferative activity with IC ₅₀ values of 6.22 μM and 37.24 μM for MDA-MB-435 and WI-38 cells, respectively [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4542 mL	12.2708 mL	24.5417 mL
5 mM	0.4908 mL	2.4542 mL	4.9083 mL
10 mM	0.2454 mL	1.2271 mL	2.4542 mL
50 mM	0.0491 mL	0.2454 mL	0.4908 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