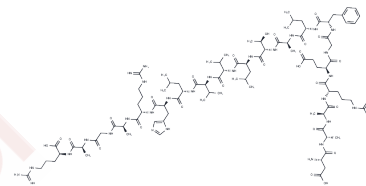


[Ala92]-p16 (84-103)

## Chemical Properties

CAS No. : 189064-08-2  
 Formula: C93H155N31O26  
 Molecular Weight: 2123.44  
 Storage: Keep away from moisture  
 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	Peptide derived from the tumor suppressor protein p16; inhibits cyclin-dependent kinase-4 (cdk4)/cyclin D1 (IC50 ~ 1.5 μM) and binds to cdk6.
Targets(IC50)	CDK

## Solubility Information

Solubility	H2O: 2 mg/mL (0.94 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4709 mL	2.3547 mL	4.7093 mL
5 mM	0.0942 mL	0.4709 mL	0.9419 mL
10 mM	0.0471 mL	0.2355 mL	0.4709 mL
50 mM	0.0094 mL	0.0471 mL	0.0942 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

Fahraeus et al (1998) Characterization of the cyclin-dependent kinase inhibitory domain of the INK4 family as a model for a synthetic tumour suppressor molecule. Oncogene 16 587 PMID: 9482104

**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