

[pSer2, pSer5, pSer7]-CTD TFA

Chemical Properties

CAS No. :

Formula: C98H138F3N21O39

Molecular Weight: 2291.25

Keep away from moisture

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	[pSer2, pSer5, pSer7]-CTD (TFA) is a phosphorylated polypeptide at ser2, ser5, and ser7 of RNA polymerase II carboxyl terminus (CTD) and a substrate for CDK7 (cyclin-dependent protein kinase).
Targets(IC50)	CDK

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4364 mL	2.1822 mL	4.3644 mL
5 mM	0.0873 mL	0.4364 mL	0.8729 mL
10 mM	0.0436 mL	0.2182 mL	0.4364 mL
50 mM	0.0087 mL	0.0436 mL	0.0873 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

Czudnochowski N, et al. Serine-7 but not serine-5 phosphorylation primes RNA polymerase II CTD for P-TEFb recognition. Nat Commun. 2012 May 15;3:842.

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