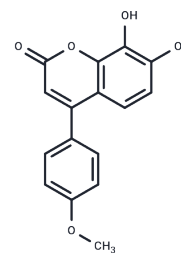


PSF-IN-1

Chemical Properties

CAS No. : 370582-94-8
 Formula: C₁₆H₁₂O₅
 Molecular Weight: 284.263
 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	PSF-IN-1 (Compound No.10-3) is an inhibitor of the RNA-binding protein (PSF), effectively blocking PSF-RNA interactions with an IC ₅₀ of 2.2 pM. It enhances histone acetylation, suppresses tumor cell proliferation, and induces apoptosis. PSF-IN-1 exhibits antitumor activity.
Targets(IC ₅₀)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5179 mL	17.5895 mL	35.1791 mL
5 mM	0.7036 mL	3.5179 mL	7.0358 mL
10 mM	0.3518 mL	1.759 mL	3.5179 mL
50 mM	0.0704 mL	0.3518 mL	0.7036 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