

PTBP1-RNA-binding inhibitor P6 TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	PTBP1-RNA-binding inhibitor P6 TFA (PTBP1 α 3-helix derived peptide P6 TFA) is a specific stapled peptide inhibitor of the splicing factor PTBP1, which is used to inhibit RNA alternative splicing events regulated by PTBP1. PTBP1-RNA-binding inhibitor P6 TFA exerts its effects by binding to the RNA recognition motif of PTBP1.
Targets(IC50)	Antibacterial,Protease,DNA/RNA Synthesis

Solubility Information

Solubility	DMSO: 80 mg/mL,Sonication is recommended. H2O: 40 mg/mL,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween-80+45% Saline: 3.3 mg/mL,Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Reference

Schmeing S, et al. Rationally designed stapled peptides allosterically inhibit PTBP1-RNA-binding. Chem Sci. 2023 Jul 13;14(31):8269-8278.

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