

TAU-IN-3

Chemical Properties

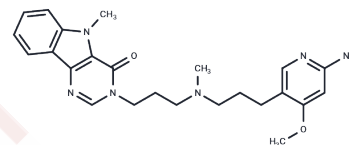
CAS No. : 3063511-09-8

Formula: C₂₄H₃₀N₆O₂

Molecular Weight: 434.53

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	TAU-IN-3 (Compound 2) is an orally active TAU inhibitor that suppresses the expression of the MAPT exon 10 DDPAC mutant gene in HeLa cells (IC ₅₀ : 0.6 μM). It reduces the 4R/3R MAPT mRNA ratio in HeLa cells transfected with WT or DDPAC minigenes. TAU-IN-3 inhibits the insertion of endogenous MAPT exon 10 and the production of 4R tau protein. It modulates tau splicing in htau mice and improves associated behavioral phenotypes. TAU-IN-3 is useful for researching neurodegenerative diseases.
Targets(IC ₅₀)	Microtubule Associated

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3013 mL	11.5067 mL	23.0134 mL
5 mM	0.4603 mL	2.3013 mL	4.6027 mL
10 mM	0.2301 mL	1.1507 mL	2.3013 mL
50 mM	0.046 mL	0.2301 mL	0.4603 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