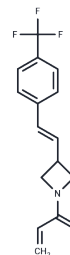


TEAD-IN-10

Chemical Properties

CAS No. :	3032196-65-6
Formula:	C ₁₅ H ₁₄ F ₃ NO
Molecular Weight:	281.27
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	TEAD-IN-10 (compound 15), a covalent inhibitor, exhibits selective and potent inhibitory activity against TEAD1 (IC ₅₀ =14 nM), TEAD2 (IC ₅₀ =179 nM), and TEAD3 (IC ₅₀ =4 nM). This compound is utilized in cancer research [1].
Targets(IC ₅₀)	YAP
In vitro	TEAD-IN-10 demonstrated potent inhibitory effects in the MCF-7 reporter gene assay (IC ₅₀ ≤10 nM) [1]. This compound exhibits excellent selectivity for TEAD1 and TEAD2 with inhibition rates in HEK293T cells of 97% and 98%, respectively [1]. In cell viability assays, TEAD-IN-10 showed better inhibition in H2052 cells (IC ₅₀ ≤100 nM) compared to NCI-H226 cells (IC ₅₀ : 100-500 nM) [1]. Furthermore, cell proliferation assays revealed that anti-proliferative inhibition rates exceeded 75% in both NCI-H226 and H2052 cell lines [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5553 mL	17.7765 mL	35.553 mL
5 mM	0.7111 mL	3.5553 mL	7.1106 mL
10 mM	0.3555 mL	1.7777 mL	3.5553 mL
50 mM	0.0711 mL	0.3555 mL	0.7111 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