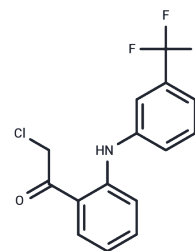


TED-347

Chemical Properties

CAS No. : 2378626-29-8
 Formula: C₁₅H₁₁ClF₃NO
 Molecular Weight: 313.7
 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	TED-347 is an irreversible and covalent inhibitor of TEAD4-Yap1 protein-protein interaction (EC ₅₀ of 5.9 μM), and inhibits glioblastoma cell viability.
Targets(IC ₅₀)	YAP

Solubility Information

Solubility	DMSO: 250 mg/mL (796.94 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 5 mg/mL (15.94 mM), 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>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1878 mL	15.9388 mL	31.8776 mL
5 mM	0.6376 mL	3.1878 mL	6.3755 mL
10 mM	0.3188 mL	1.5939 mL	3.1878 mL
50 mM	0.0638 mL	0.3188 mL	0.6376 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

Khuchtumur Bum-Erdene, et al. Small-Molecule Covalent Modification of Conserved Cysteine Leads to Allosteric Inhibition of the TEADYap Protein-Protein Interaction. Cell Chem Biol. 2019 Mar 21;26(3):378-389.e13.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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