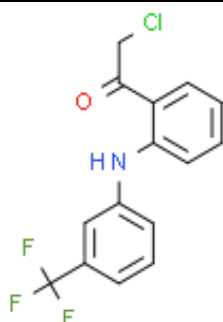


## Product Data Sheet

Cas No.:	2378626-29-8	Cat. No:	PL13229
Product Name:	TED-347		
Product synonym:	-		
Chemical name:	TED-347		
MF:	C15H11ClF3NO	FW:	313.7022
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	ClC([H])([H])C(C1=C([H])C([H])=C([H])C([H])=C1N([H])C1=C([H])C([H])=C([H])C(C(F)(F)F)=C1[H])=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

TED-347 是一种有效, 不可逆且共价的 YAP-TEAD 蛋白质-蛋白质相互作用变构抑制剂, 对 TEAD4•Yap1 蛋白质-蛋白质相互作用的 EC<sub>50</sub> 为 5.9 μM。TED-347 与 TEAD4 中央口袋内的 Cys-367 特异性共价结合, K<sub>i</sub> 为 10.3 μM。TED-347 可以阻断 TEAD 的转录活性, 并且具有抗肿瘤活性。

生物活性	TED-347 is a potent, irreversible, covalent and allosteric inhibitor at YAP-TEAD protein-protein interaction with an EC <sub>50</sub> of 5.9 μM for TEAD4•Yap1 protein-protein interaction. TED-347 specifically and covalently bonds with Cys-367 within the central pocket of TEAD4 with a K <sub>i</sub> of 10.3 μM. TED-347 blocks TEAD transcriptional activity and has antitumor activity.
IC <sub>50</sub> & Target[1][2]	IC <sub>50</sub> : 5.9 μM (TEAD4•Yap1 protein-protein interaction)

体外研究(In Vitro)	<p>TED-347 (0.5-100 μM; 48 hours) inhibits GBM43 cancer cell viability.</p> <p>TED-347 (5 μM; 48 hours) inhibits co-immunoprecipitation of Myc-tagged TEAD4 with FLAG-tagged Yap1.</p> <p>TED-347 (10 μM; 48 hours) shows a significant reduction in CTGF transcript levels.</p> <p>TED-347 (0.5-100 μM; 24 hours) reduces reporter activity in cells transfected with a TEAD reporter. TED-347 (0.5-100 μM) also inhibits TEAD4 transcriptional activity in GBM43 cells.</p> <p>TED-347 is selective for TEADs and inhibits TEAD2 with the same efficacy. TED-347 (0.1-100 μM; 24-48 hours) inhibits TEAD4 binding to full-length Yap1 in dose- and time-dependent manner. TED-347 (1-100 μM) shows no inhibition of uPAR?uPA or Cav2.2 α?β protein-protein interactions. Non-covalent binding of TED-347 to TEAD4 exhibits little change to the TEAD4?Yap1 binding affinity.</p>
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: DMSO : 100 mg/mL (318.78 mM; Need ultrasonic)配制储备液