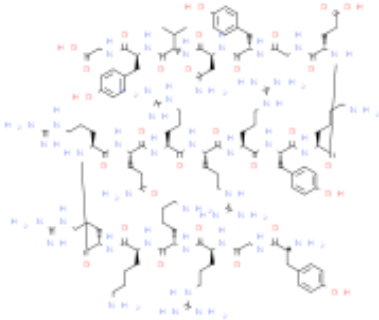


Product Data Sheet

Cas No.:	1404188-93-7	Cat. No:	PL05945
Product Name:	TAT-GluA2 3Y		
Product synonym:	L-酪氨酰甘氨酰-L-精氨酰-L-赖氨酰-L-赖氨酰-L-精氨酰-L-精氨酰-L-谷氨酰胺酰-L-精氨酰-L-精氨酰-L-精氨酰-L-酪氨酰-L-赖氨酰-L-alpha-谷氨酰甘氨酰-L-酪氨酰-L-天冬氨酰胺酰-L-缬氨酰-L-酪氨酰-甘氨酸		
Chemical name:	TAT-GluA2 3Y		
MF:	C115H185N43O29	FW:	2633.97012114525
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	<chem>O=C([C@H](CCCCN)NC([C@H](CCCCN)NC([C@H](CCCNC(=N)N)NC(CNC([C@H](CC1C=CC(=CC=1)O)N)=O)=O)=O)N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(N[C@H](C(NCC(N[C@H](C(N[C@@H](CC(N)=O)C(N[C@H](C(N[C@H](C(NCC(=O)O)=O)CC1C=CC(=CC=1)O)=O)C(C)C)=O)CC1C=CC(=CC=1)O)=O)CCC(=O)O)=O)CCCCN)=O)CC1C=CC(=CC=1)O)=O)CCCNC(=N)N)=O)CCCNC(=N)N)=O)CCCNC(=N)N)=O)CCC(N)=O)O)CCCNC(=N)N)=O)CCCNC(=N)N</chem>		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

TAT-GluA2 3Y 是一种干扰肽, 通过破坏 AMPAR 的内吞作用来阻断谷氨酸能突触的长期抑制。TAT-GluA2 3Y 可以缓解 Pentobarbital 引起的空间记忆缺陷和突触抑制。

生物活性	TAT-GluA2 3Y, an interference peptide, blocks long-term depression (LTD) at glutamatergic synapses by disrupting the endocytosis of AMPAR. TAT-GluA2 3Y can alleviate Pentobarbital-induced spatial memory deficits and synaptic depression.
IC50 & Target[1][2]	AMPA Receptor
包装储存	Sealed storage, away from moisture and light, under nitrogenPowder -80°C 2 years; -20°C 1 ye
溶解度数据	In Vitro: H ₂ O : 100 mg/mL (37.96 mM; Need ultrasonic)配制储备液