

## Product Data Sheet

Cas No.:		Cat. No:	PL09478
Product Name:	TLQP-21 TFA		
Product synonym:	-		
Chemical name:	TLQP-21 TFA		
MF:	-	FW:	-
Purity:	≥99%	Batch No.:	-
Storage:			
λmax:	-	Formulation:	-
Solubility :	-		
SMILES :	-		
InChI Code:	-		
InChI Key:	-		
WARNING This product is not for human or veterinary use.			

## Product Description

TLQP-21 TFA 是 VGF 衍生的具有内分泌和内分泌特性的肽，是一种强效的 G 蛋白偶联受体补体 3a 受体 1 (C3aR1) 激动剂 (EC<sub>50</sub>: 小鼠 TLQP-21=10.3 μM; 人 TLQP-21=68.8 μM)。TLQP-21 TFA 激活 C3aR1，从而诱导细胞内 Ca<sup>2+</sup> 的增加。TLQP-21 TFA 可用于研究调节伤害感受和其他相关生理功能。

生物活性	TLQP-21 TFA, a VGF-derived peptide endowed of endocrine and extraendocrine properties, is a potent G-protein-coupled receptor complement-3a receptor1 (C3aR1) agonist (EC 50 : mouse TLQP-21=10.3 μM; human TLQP-21=68.8μM). TLQP-21 TFA activates C3aR1 to induce an increase of intracellular Ca. TLQP-21 TFA is used for the research in regulation of nociception and other relevant physiologic functions.
体外研究(In Vitro)	TLQP-21 TFA is a peptide of 21 amino acids. At a dose of 3 μM TLQP-21 induces up to ~69% of the corresponding contraction promoted by acetylcholine. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Sealed storage, away from moisture Powder -80°C 2 years; -20°C 1 year
溶解度数据	In Vitro: H <sub>2</sub> O : 50 mg/mL (19.63 mM; Need ultrasonic)配制储备液