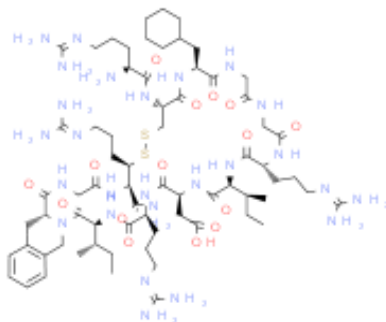


Product Data Sheet

Cas No.:	132956-87-7	Cat. No:	PL05926
Product Name:	A 71915		
Product synonym:	H-ARG-CYS-CHA-GLY-GLY-ARG-ILE-ASP-ARG-ILE-D-TIC-ARG-CYS-NH2 (DISULFIDE BRIDGE: CYS2-CYS13);化合物 T26437; (ARG6,B-CYCLOHEXYL-ALA8,D-TIC16,ARG17,CYS18)-ATRIAL NATRIURETIC FACTOR (6-18) AMIDE (MOUSE, RABBIT, RAT) TRIFLUOROACETATE SALT;A288395] A 71915TFA,NPRA拮抗剂;A 71915 TFA,NPRA拮抗剂;A-71915 A71915;化合物 A 71915		
Chemical name:	A 71915		
MF:	C69H116N26O15S2	FW:	1613.95454978943
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	S1C[C@@H](C(N[C@H](C(NCC(NCC(N[C@@H](C(N[C@H](C(N[C@H](CC(=O)O)C(N[C@@H](CCC/N=C(N)/N)C(N[C@H](C(N2CC3C=CC=CC=3C[C@@H]2C(NCC(N[C@H](C(N=O)[C@@H](CCC/N=C(N)/N)S1)=O)=O)[C@@H](C)CC)=O)=O)[C@@H](C)CC)=O)CCC/N=C(N)/N)=O)=O)CC1CCCC1)=O)NC([C@H](CCC/N=C(N)/N)N)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

A 71915 是一种具有高效、竞争性的 natriuretic peptide receptor A (ANP, NPRA) 拮抗剂 (pK_i = 9.18). A71915 的剂量依赖性取代 [¹²⁵I]ANP, K_i 为 0.65 nM. A71915 (pA₂ = 9.48) 对大鼠 ANP 诱导的 NB-OK-1 细胞产生 cGMP 的作用。

生物活性	A 71915 is a highly potent and competitive natriuretic peptide receptor A (ANP, NPRA) antagonist (pK _i = 9.18). A 71915 displaces [¹²⁵ I]ANP dose dependently, with a K _i of 0.65 nM. A71915 (pA ₂ = 9.48) against rat ANP-induced cGMP production in NB-OK-1 cells.
IC ₅₀ & Target[1][2]	A 71915 is a highly potent and competitive natriuretic peptide receptor A (ANP, NPRA) antagonist, with a pK _i of 9.18.
体外研究(In Vitro)	A 71915 combines to Neuroblastoma NB-OK-1 cells, is used in the Cyclic GMP assay. A 71915 shifts the ANP dose-response curve of cyclic GMP production to the right. has not independently confirmed the accuracy of these methods. They are for reference only.

体内研究(In Vivo)	A 71915 (5 µl; i.m.; 25-30 g male CD-1 mice) affects BNP (1 nmol)- and GRP (0.1 nmol)-induced scratching. A 71915 (30 µg/ kg/ day) inhibits NS-398 on blood pressure decreased. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model:
包装储存	Sealed storage, away from moisture and light, under nitrogenPowder -80°C 2 years; -20°C 1 ye