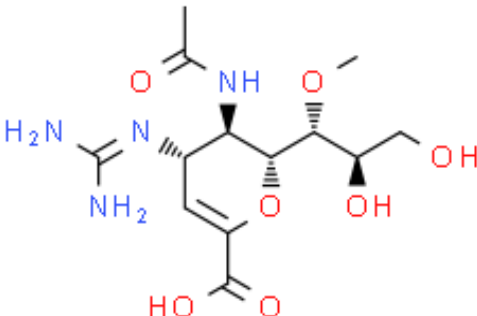


Product Data Sheet

Cas No.:	203120-17-6	Cat. No:	PL04254
Product Name:	Laninamivir		
Product synonym:	(4S,5R,6R)-5-乙酰氨基-4-胍基-6-((1R,2R)-2,3-二羟基-1-甲氧基丙基)-5,6-二氢-4H-吡喃-2-甲酸;那尼纳米韦标准品;拉尼那米韦		
Chemical name:	Laninamivir		
MF:	C13H22N4O7	FW:	346.33638
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CC(N[C@@H]1[C@@H](NC(N)=N)C=C(O[C@H]1[C@H](OC)[C@H](O)CO)C(O)=O)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Laninamivir (R 125489) 是一种有效的流感神经氨酸酶 (NA) 抑制剂，其对流感病毒 H12N5 NA (N5)，pH1N1 N1 NA (p09N1) 和 A/R1/5+/1957 H2N2 N2 (p57N2) 的 IC₅₀ 分别为 0.90 nM、1.83 nM 和 3.12 nM。

生物活性	Laninamivir (R 125489) is a potent influenza neuraminidase (NA) inhibitor with IC ₅₀ s of 0.90 nM, 1.83 nM and 3.12 nM for avian H12N5 NA (N5), pH1N1 N1 NA (p09N1) and A/R1/5+/1957 H2N2 N2 (p57N2), respectively.
IC ₅₀ & Target[1][2]	IC ₅₀ : 0.90 nM (N5), 1.83 nM (p09N1), 3.12 nM (p57N2)
体外研究(In Vitro)	Laninamivir (R 125489) inhibits efficiently common oseltamivir-resistant viruses, including those with the ubiquitous His274Tyr substitution. Laninamivir (R 125489) is potent against p57N2, p09N1 and N5 with a similar binding mode to Zanamivir. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Powder -20°C 3 years; 4°C 2 years
溶解度数据	In Vitro: H ₂ O : 5 mg/mL (14.44 mM; Need ultrasonic)配制储备液