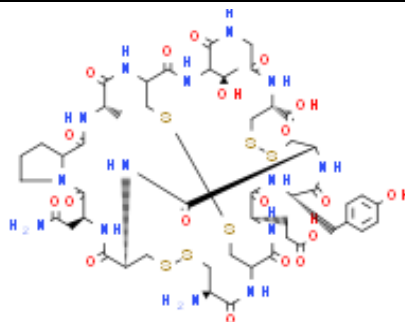


Product Data Sheet

Cas No.:	1092457-78-7	Cat. No:	PL05983
Product Name:	MM 419447		
Product synonym:	-		
Chemical name:	MM 419447		
MF:	C50H70N14O19S6	FW:	1363.56
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C1[C@@H](NC([C@]2([H])CSSC[C@@H](C(N[C@]3([H])C(N[C@@H](C(N[C@H](C(N[C@@H]([H])(CSSC[C@H](NC(CNC(C(NC([C@@H]([H])(CSSC3)NC([C@@H](NC([C@]3([H])CCCN31)=O)C(=O)=O)[C@H](O)C(=O)=O)C(=O)O)C(N2)=O)O)CC1C=CC(=CC=1)O)=O)CC(C(=O)O)=O)O)N)=O)CC(=O)N		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

MM 419447, 一种利那洛肽代谢物, 是一种鸟苷酸环化酶 C (guanylate cyclase-C) 激动剂。MM 419447 可被用作研究便秘型肠易激综合征 (IBS-C)。

生物活性	MM 419447, a linaclotide metabolite, is a guanylate cyclase-C agonist. MM 419447 has the potential for the research of the irritable bowel syndrome with constipation (IBS-C).
体外研究(In Vitro)	MM 419447 exhibits high-affinity binding to T84 cells, resulting in a significant, concentration-dependent accumulation of intracellular cyclic guanosine-3',5'-monophosphate (cGMP). has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	MM 419447 (10 mg/kg; p.o.) treatment shows the C _{max} , AUC ₀₋₆ and t _{1/2} values of 27 ng/mL, ≤ 29.7 ng h/mL and 0.33 hours, respectively 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 Powder -80°C 2 years; -20°C 1 year
溶解度数据	In Vitro: DMSO : 100 mg/mL (73.34 mM; Need ultrasonic) 配制储备液