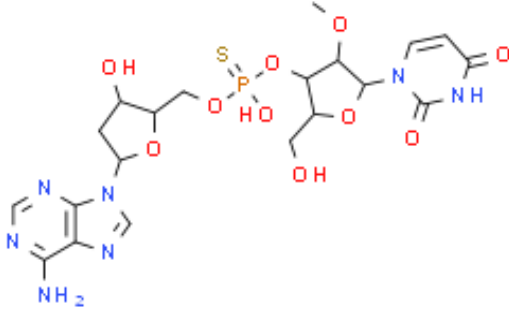


Product Data Sheet

Cas No.:	475650-36-3	Cat. No:	PL01315
Product Name:	Inarigivir		
Product synonym:	-		
Chemical name:	Inarigivir		
MF:	C20H26N7O10PS	FW:	587.500103473663
Purity:	-	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	S=P(O)(OCC1C(CC(N2C=NC3C(N)=NC=NC2=3)O1)O)OC1C(CO)OC(C1OC)N1C=CC(NC1=O)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Inarigivir (ORI-9020;SB-9000) 是一种二核苷酸抗病毒化合物，可显着减少表达乙型肝炎病毒转基因小鼠的 HBV DNA。Inarigivir (ORI-9020) 是 RIG-I 的激动剂，可激活细胞内的先天免疫。

生物活性	Inarigivir (ORI-9020) is a dinucleotide antiviral drug that can significantly reduce liver HBV DNA in transgenic mice expressing hepatitis B virus. Inarigivir (ORI-9020) act as a RIG-I agonist to activate cellular innate immune responses.
IC50 & Target[1][2]	Target: HBV
体外研究(In Vitro)	Inarigivir (SB 9200) is active against HBV variants carrying resistance markers against all the nucleos(t)ide analogues approved for treating chronic hepatitis B. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	Inarigivir (100 mg/kg/day, ip) significantly reduces viral DNA in the liver and shows anti-HBV activity. Serum HBV DNA is not reduced in response to treatment. Inarigivir does not affect levels of HBV RNA in liver, levels of HBeAg in serum, or mean titers of HBsAg. The minimal effective dose is identified to be between 1.6 and 0.5 mg/kg/day using liver HBV DNA values. 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: DMSO : 200 mg/mL (340.43 mM; Need ultrasonic)配制储备液
-------	--