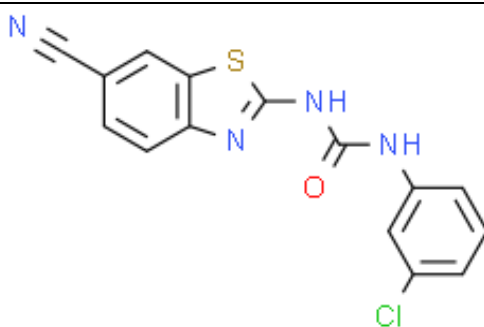


Product Data Sheet

Cas No.:	2387821-46-5	Cat. No:	PL03867
Product Name:	HB007		
Product synonym:	-		
Chemical name:	HB007		
MF:	C15H9CLN4OS	FW:	328.776160001755
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	ClC1=CC=CC(=C1)NC(NC1=NC2C=CC(C#N)=CC=2S1)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

HB007 是一种小的泛素相关修饰剂 1 (SUMO1) 降解剂。HB007 诱导 SUMO1 的泛素化和降解，导致体内肿瘤生长减少。HB007 可用于脑癌、乳腺癌、结肠癌和肺癌的研究。

生物活性	HB007 is a small ubiquitin-related modifier 1 (SUMO1) degrader. HB007 induces ubiquitination and degradation of SUMO1, resulting in reduced tumor growth in vivo. HB007 can be used for the research of brain, breast, colon, and lung cancers.
IC50 & Target[1][2]	SUMO1
体外研究(In Vitro)	HB007 (compound 24) (0.1-100 μM) inhibits LN229 cell growth in a concentration-dependent manner t. HB007 (10-25 μM) reduces SUMO1 conjugation and total protein levels of SUMO1 but not SUMO2/3 or UB in LN229 cells t. has not independently confirmed the accuracy of these methods. They are for reference only.
体内研究(In Vivo)	HB007 (compound 24) (25-50 mg/kg; i.p. for 15 d) significantly suppresses tumor growth of colon and lung cancer but had no effect on the body weights of mice. 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 : 31.25 mg/mL (95.05 mM; ultrasonic and warming and heat to 60°C)配制储备液
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