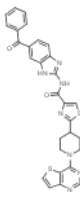


Product Name	: SC75741	
Synonyms	: SC75741; SC-75741; SC 75741	
Cat No.	: M17655	
CAS Number	: 913822-46-5	
Molecular Formula	: C ₂₉ H ₂₃ N ₇ O ₂ S ₂	
Formula Weight	: 565.67	
Chemical Name	N-(6-benzoyl-1H-benzimidazol-2-yl)-2-(1-thieno[3,2-d]pyrimidin-4-yl-4-piperidiny)-4-thiazolecarboxamide	
Description	SC75741 is a NF-kappaB inhibitor. SC75741 protects mice against highly pathogenic avian influenza A virus. SC75741 significantly protects mice against infection with highly pathogenic avian influenza A viruses of the H5N1 and H7N7 subtypes. SC75741 efficiently blocks influenza virus propagation and confers a high barrier for development of viral resistance.	
Pathway	Cell Cycle/DNA Damage	
Target	GPR	
Receptor	NF-κB	
Solubility	DMSO : ≥ 125 mg/mL; 220.98 mM	
SMILES	<chem>O=C(NC1=NC2=CC=C(C=C2N1)C(=O)C1=CC=CC=C1)C1=CSC(=N1)C1CCN(CC1)C1=C2SC=CC2=NC=N1</chem>	
Storage	(-20°C)	
Stability	≥ 2 years	
Reference	:	

1. Leban J, et al. Bioorg Med Chem Lett. 2007, 17(21), 5858-5862.