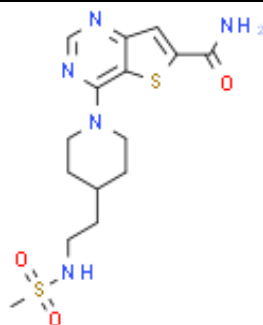


## Product Data Sheet

Cas No.:	1431411-66-3	Cat. No:	PL09261
Product Name:	SIRT-IN-2		
Product synonym:	4-[4-[2-[(甲基磺酰基)氨基]乙基]-1-哌啶基]-噻吩并[3,2-d]嘧啶-6-羧酰胺		
Chemical name:	SIRT-IN-2		
MF:	C15H21N5O3S2	FW:	383.488940000534
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	S(C)(NCCCCCN(C2=C3C(C=C(C(N)=O)S3)=NC=N2)CC1)(=O)=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

SIRT-IN-2 是 SIRT1/2/3 的有效抑制剂，其 IC<sub>50</sub> 值分别为 4, 1, 7 μM。

生物活性	SIRT-IN-2 is a potent inhibitor of SIRT1/2/3, with IC <sub>50</sub> s of 4, 4, 7 μM, respectively.
IC <sub>50</sub> & Target[1][2]	SIRT1 4 μM (IC <sub>50</sub> ) SIRT2 1 μM (IC <sub>50</sub> )
体外研究(In Vitro)	SIRT-IN-2 (compound 31) is one of the most potent truncated pan SIRT1/ 2/3 inhibitor, the IC <sub>50</sub> values are 4, 4, 7 μM, respectively. SIRT-IN-2 (SIRT1/2/3 pan inhibitor) binds identically in the catalytic active site (RMS=0.29 Å), occupying the nicotinamide C-pocket and acetyl lysine substrate channel. 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 : 62.5 mg/mL (162.98 mM; Need ultrasonic)配制储备液