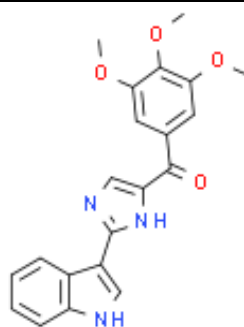


Product Data Sheet

Cas No.:	1332881-26-1	Cat. No:	PL07276
Product Name:	Sabizabulin		
Product synonym:	-		
Chemical name:	Sabizabulin		
MF:	C21H19N3O4	FW:	377.393265008926
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O(C)C1C(=C(C=C(C=1)C(C1=CN=C(C2=CNC3C=CC=CC2=3)N1)=O)OC)OC		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

VERU-111 (ABI-231) 是一种高效、口服可利用 α/β 微管蛋白 (tubulin) 抑制剂，具有很强的抗增殖活性，对黑素瘤和前列腺癌细胞系作用的平均 IC₅₀ 值为 5.2 nM。VERU-111 (ABI-231) 通过靶向 HPV E6 和 E7 抑制肿瘤生长和转移表型，有潜力用于前列腺癌的研究。

生物活性	VERU-111 (ABI-231) is a potent and orally active α and β tubulin inhibitor, which displays strong antiproliferative activity, with an average IC ₅₀ of 5.2 nM against panels of melanoma and prostate cancer cell lines. VERU-111 (ABI-231) suppresses tumor growth and metastatic phenotypes of cervical cancer cells via targeting HPV E6 and E7, and has potential for the treatment of prostate cancer.
IC ₅₀ & Target[1][2]	tubulin
体外研究(In Vitro)	<p>VERU-111 (2.5-80 nM; 24-48 hours) inhibits Panc-1, AsPC-1 and HPAF-II cells growth in a dose and time-dependent manner (24 hours: IC₅₀s of 25, 35 and 35?nM, respectively; 48 hours: IC₅₀s of 11.8, 15.5, and 25?nM, respectively).</p> <p>VERU-111 (5-20 nM; 24 hours) arrests Panc-1 and AsPC-1 cells in G2/M phase in a dose-dependent manner.</p> <p>VERU-111 (5-20?nM; 24 hours) shows dose-dependent inhibition of pro-Caspase 3 and 9 and activation of Caspase-3 and 9, induces the expression of Bax and Bad, and inhibits the expression of Bcl-2 and Bcl-xl proteins in both AsPC-1 and Panc-1 cells.</p> <p>has not independently confirmed the accuracy of these methods. They are for reference only.</p>

体内研究(In Vivo)	VERU-111 (50?µg/mouse; intra-tumorally; 3 times per week for 3?weeks) effectively inhibits tumor growth as compared to vehicle-treated group. None of the mouse showed any apparent toxicity as constant increase of body weight in VERU-111 treated mice. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	4°C, sealed storage, away from moisture and light In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)
溶解度数据	In Vitro: DMSO : 20 mg/mL (53.00 mM; Need ultrasonic)配制储备液