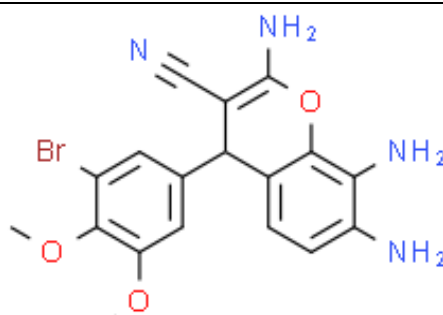


Product Data Sheet

Cas No.:	1000852-17-4	Cat. No:	PL07218
Product Name:	Crolibulin		
Product synonym:	(4R)-2,7,8-triamino-4-(3-bromo-4,5-dimethoxyphenyl)-4H-chromene-3-carbonitrile		
Chemical name:	Crolibulin		
MF:	C18H17BRN4O3	FW:	417.2566
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	BrC1C(=C(C([H])=C(C=1[H]))[C@@]1([H])C(C#N)=C(N([H])[H])OC2C(=C(C([H])=C([H])C1=2)N([H])[H])N([H])([H])OC([H])([H])[H])OC([H])([H])[H])		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Crolibulin (EPC2407) 是一种微管 (tubulin) 蛋白聚合抑制剂，具有诱导凋亡 (apoptosis) 和抑制细胞生长的作用。Crolibulin 有抗肿瘤活性。Crolibulin 还具有心血管毒性和神经毒性。

生物活性	Crolibulin (EPC2407) is a tubulin polymerization inhibitor, with potent apoptosis induction and cell growth inhibition. Crolibulin has anti-tumor activity. Crolibulin also has cardiovascular toxicity and neurotoxicity.
IC50 & Target[1][2]	Tubulin polymerization
体外研究(In Vitro)	Crolibulin shows significant cytotoxic activity against HT-29 cells, with an IC50 of 0.52 μM. Crolibulin is active against various experimental tumors and exhibit potent inhibition of mitosis at the G2/M stage. 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 : 125 mg/mL (299.57 mM; Need ultrasonic and warming)配制储备液