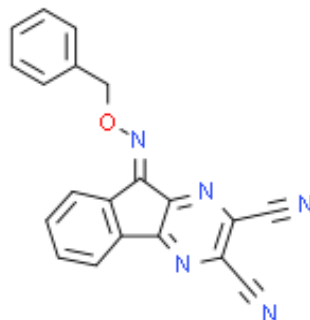


Product Data Sheet

Cas No.:	924296-18-4	Cat. No:	PL05085
Product Name:	DUB-IN-1		
Product synonym:	9-[(苯甲氧基)脞]-9H-茚并[1,2-b]吡嗪-2,3-二甲腈		
Chemical name:	DUB-IN-1		
MF:	C20H11N5O	FW:	337.33424
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	N#CC1=C(C#N)N=C2C(/C(C3=C2C=CC=C3)=N/OCC4=CC=CC=C4)=N1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

DUB-IN-1 是一种有活性的泛素特异性蛋白酶 (ubiquitin-specific proteases) 抑制剂, 对 USP8 的 IC₅₀ 值为 0.85 μM。

生物活性	DUB-IN-1 is an active inhibitor of ubiquitin-specific proteases (USPs), with an IC ₅₀ of 0.85 μM for USP8.
IC ₅₀ & Target[1][2]	IC ₅₀ : 0.24 μM (USP8)
体外研究(In Vitro)	DUBs-IN-1 (22 d) is an active inhibitor of ubiquitin-specific proteases, with an IC ₅₀ of 0.85 μM for USP8. DUBs-IN-1 is inactive toward USP7 (IC ₅₀ , >100 μM). DUBs-IN-1 and its analogs reduce the viability of HCT116 colon and PC-3 prostate cancer cell lines with IC ₅₀ s ranging from 0.5 μM to 1.5 μM. 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 : 100 mg/mL (296.45 mM; Need ultrasonic)配制储备液