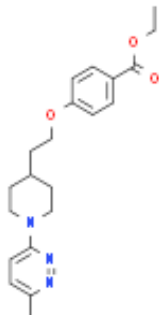


Product Data Sheet

Cas No.:	124436-59-5	Cat. No:	PL03713
Product Name:	Pirodavis		
Product synonym:	吡罗达韦;Pirodavis 抑制剂;无中文名;4-[2-[1-(6-甲基-3-哒嗪基)-4-哌啶基]乙氧基]苯甲酸乙酯		
Chemical name:	Pirodavis		
MF:	C21H27N3O3	FW:	369.45738
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(OCC)C1=CC=C(C(=C1)OCCN2CCN(C3=NN=C(C=C3)CC2)C=C1		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Pirodavis 是一种有效的小核糖核酸病毒抑制剂，高效作用于 A 和 B 型鼻病毒(rhinovirus)。Pirodavis 非常有效作用于病毒产量减少试验，IC₉₀ 为 2.3 nM。

生物活性	Pirodavis is a potent, broad-spectrum picornavirus inhibitor, and is highly active against both group A and group B rhinovirus serotypes. Pirodavis is very potent in a virus yield reduction assay (IC ₉₀ =2.3 nM).
IC ₅₀ & Target[1][2]	Rhinovirus
体外研究(In Vitro)	Pirodavis is a potent, broad-spectrum picornavirus inhibitor. Pirodavis inhibits 80 of the 100 human rhinovirus (HRV) strains tested at a concentration of 64 ng/mL. In that same study, Pirodavis is also effective in inhibiting 16 enteroviruses, with a mean 80% inhibitory concentration (IC ₈₀) of 1,300 ng/mL. Pirodavis inhibits enterovirus 71 replication with an IC ₅₀ of 5,420 nM and an IC ₉₀ of >13,350 nM. Pirodavis inhibits 56 rhinovirus laboratory strains and three of the clinical isolates tested. Pirodavis inhibits 59% of the serotypes and isolates with IC ₅₀ s of <100 nM. Pirodavis concentrations of 16 and 4μg/mL reduces cell growth by 66% (s.e.m. 0.75) and 28% (s.e.m. 0.25), respectively. Lower concentrations (1μg/mL) of Pirodavis are not inhibitory for cell growth. The 50% cytotoxic concentration of pirodavis for logarithmic c
包装储存	Powder -20°C 3 years; 4°C 2 years

溶解度数据	In Vitro: DMSO : 10 mg/mL (27.07 mM; Need ultrasonic)配制储备液
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