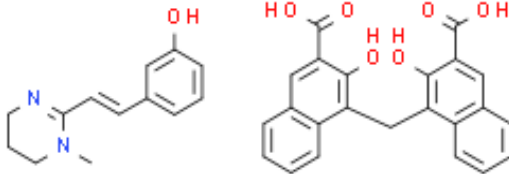


## Product Data Sheet

Cas No.:	68813-55-8	Cat. No:	PL08791
Product Name:	Oxantel pamoate		
Product synonym:	Oxantel羟萘;酚噻啉;酚噻啉扑蛻灵;双羟萘酸奥克太尔;N-羟基琥珀酰亚胺酯;棕榈酸;含 4,4'-亚甲基双(3-羟基-2-萘甲酸)的 1-甲基-2-(3-羟基苯乙烯基)-1,4,5,6-四氢噻啉化合物;酚噻啉 扑蛻灵		
Chemical name:	Oxantel pamoate		
MF:	C36H32N2O7	FW:	604.648
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O=C(C1=C(O)C(CC2=C3C=CC=CC3=CC(C(O)=O)=C2O)=C4C=CC=CC4=C1)O.OC5=CC=CC(/C=C/C6=NCCCN6C)=C5		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

Oxantel pamoate 是一种广泛使用的驱虫剂，有效针对Trichuris muris 和钩虫。

生物活性	Oxantel pamoate is a widely available dewormer, potently against Trichuris muris and Hookworms.
IC50 & Target[1][2]	Antiparasitic
体内研究(In Vivo)	The activity of the veterinary drug Oxantel pamoate is studied against Trichuris muris, Ancylostoma ceylanicum and Necator americanus. An ED 50 s of 4.7 mg/kg is calculated for Oxantel pamoate against T. muris in mice. Combinations of Oxantel pamoate with pyrantel pamoate behaved antagonistically (combination index (CI)=2.53). Oxantel pamoate combined with Levamisole, Albendazole or Ivermectin using ratios based on their ED 50 s reveals antagonistic effects (CI=1.27, 1.90 and 1.27, respectively). A highly synergistic effect (CI=0.15) is observed when Oxantel pamoate-mebendazole is administered to T. muris-infected mice. Oxantel pamoate (10 mg/kg) lacks activity against Ancylostoma ceylanicum and Necator americanus. has not independently confirmed the acc
包装储存	4°C, sealed storage, away from moistur In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

溶解度数据	In Vitro: DMSO : ≥ 50 mg/mL (82.69 mM)H <sub>2</sub> O : 0.67 mg/mL (1.11 mM; Need ultrasonic)
-------	--