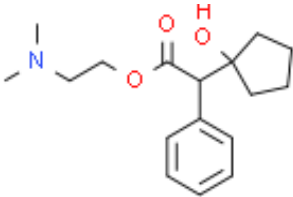


## Product Data Sheet

Cas No.:	5870-29-1	Cat. No:	PL06871
Product Name:	Cyclopentolate hydrochloride		
Product synonym:	盐酸环喷托酯;环喷托酯系统适应性 EP标准品;盐酸环;盐酸环喷托酯 EP标准品;盐酸环喷托酯 USP标准品;盐酸环喷托酯标准品;环戊通		
Chemical name:	Cyclopentolate hydrochloride		
MF:	C17H25NO3.HCL	FW:	327.84624
Purity:	≥99%	Batch No.:	-
Storage:			
Structural formula:	<div> HCl</div>		
λmax:	-	Formulation:	-
Solubility :			
SMILES :	CN(C)CCOC(=O)C(C1=CC=CC=C1)C2(CCCC2)O.Cl		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

## Product Description

Cyclopentolate (DL-Cyclopentolate) hydrochloride 是一种阿托品样毒蕈碱受体 (muscarinic receptor) 拮抗剂, 对睫状肌毒蕈碱受体的 pK<sub>B</sub> 值为 7.8。Cyclopentolate hydrochloride 是眼科常用的抗毒蕈碱剂。

生物活性	Cyclopentolate (DL-Cyclopentolate) hydrochloride is an Atropine-like muscarinic receptors antagonist with a pK <sub>B</sub> value of 7.8 (on the circular ciliary muscle). Cyclopentolate hydrochloride is an anti-muscarinic agent commonly used in the ophthalmologic practice.
体内研究(In Vivo)	Survival in rats pretreated with cyclopentolate (20 mg/kg) is 90%. has not independently confirmed the accuracy of these methods. They are for reference only. Animal Model: Eighty Sprague-Dawley rats (acute, lethal organophosphate pesticide
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 : 250 mg/mL (762.54 mM; Need ultrasonic)H <sub>2</sub> O : 100 mg/mL (305.02 mM; Need ultrasonic)配制储备液