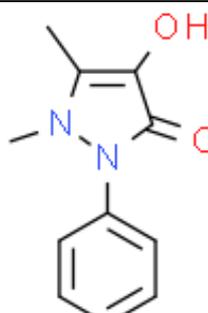


Product Data Sheet

Cas No.:	1672-63-5	Cat. No:	PL05576
Product Name:	4-Hydroxyantipyrine		
Product synonym:	4-羟基安替比林;5-氨基-3-甲基-1-(对硝基苯)吡唑;4-羟基-2,3-二甲基-1-苯基-3-吡唑啉-5-酮;4-羟基-1,5-二甲基-2-苯基-1,2-二氢-3H-吡唑-3-酮		
Chemical name:	4-Hydroxyantipyrine		
MF:	C11H12N2O2	FW:	204.2252
Purity:	≥98%	Batch No.:	-
Storage:			
Structural formula:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	O([H])C1C(N(C2C([H])=C([H])C([H])=C([H])C=2[H])N(C([H])([H])[H])C=1C([H])([H])[H])=O		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

4-Hydroxyantipyrine (4-Hydroxyphenazone; NSC 174055) 是安替比林 (Antipyrine, HY-B0171) 的主要代谢产物，可作为生物分布促进剂。4-Hydroxyantipyrine 可增加胞磷胆碱和安替比林在脑内的浓度比分布。

生物活性	4-Hydroxyantipyrine (4-Hydroxyphenazone; NSC 174055) is the major metabolite of Antipyrine (HY-B0171), can be as a biodistribution promoter. 4-Hydroxyantipyrine can increase distribution of concentration ratio of Citicoline and Antipyrine in the brain.
体外研究(In Vitro)	4-Hydroxyantipyrine increase the tissue-to-plasma concentration ratio of Citicoline in the brain and liver and that of thiopental sodium in the brain, liver, and heart. 4-Hydroxyantipyrine enhances the blood-brain barrier (BBB) permeability of Antipyrine considering to be concerned with the increase of the Kp value of Antipyrine in the brain. 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 : 50 mg/mL (244.82 mM); ultrasonic and warming and heat to 60°C)配制储备液