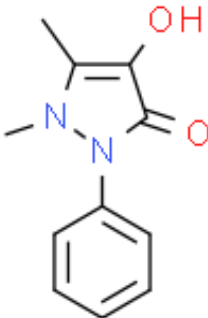


Product Data Sheet

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 K _p 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