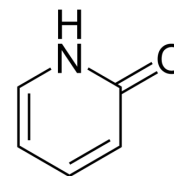


α -Pyridone

Cat. No.:	HY-Y0191		
CAS No.:	142-08-5		
Molecular Formula:	C ₅ H ₅ NO		
Molecular Weight:	95.1		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



Pyridin-2(1H)-one

SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (1051.52 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	10.5152 mL	52.5762 mL	105.1525 mL
		5 mM	2.1030 mL	10.5152 mL	21.0305 mL
10 mM		1.0515 mL	5.2576 mL	10.5152 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: \geq 2.5 mg/mL (26.29 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: \geq 2.5 mg/mL (26.29 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	α -Pyridone is an endogenous metabolite.
IC ₅₀ & Target	Human Endogenous Metabolite

Caution: Product has not been fully validated for medical applications. For research use only.

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