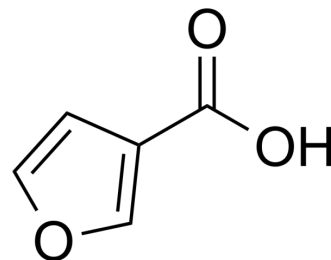


3-Furanoic acid

Cat. No.:	HY-21075		
CAS No.:	488-93-7		
Molecular Formula:	C ₅ H ₄ O ₃		
Molecular Weight:	112.08		
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



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (446.11 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	8.9222 mL	44.6110 mL	89.2220 mL
		5 mM	1.7844 mL	8.9222 mL	17.8444 mL
10 mM		0.8922 mL	4.4611 mL	8.9222 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (22.31 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (22.31 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	3-Furanoic acid is an endogenous metabolite.
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Caution: Product has not been fully validated for medical applications. For research use only.

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