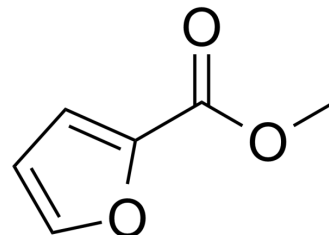


## Methyl 2-furoate

Cat. No.:	HY-Y0949		
CAS No.:	611-13-2		
Molecular Formula:	C <sub>6</sub> H <sub>6</sub> O <sub>3</sub>		
Molecular Weight:	126.11		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 250 mg/mL (1982.40 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	7.9296 mL	39.6479 mL	79.2959 mL
		5 mM	1.5859 mL	7.9296 mL	15.8592 mL
10 mM		0.7930 mL	3.9648 mL	7.9296 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: ≥ 2.08 mg/mL (16.49 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.08 mg/mL (16.49 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (16.49 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	Methyl 2-furoate (Methyl furan-2-carboxylate) is a building block in chemical synthesis. A flavoring agent in food. Found in cranberries, guava fruits, raisins and other fruits. Also present in baked potato, roasted filberts, roasted peanut, tomatoes, coffee, cocoa, okra, etc.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

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## CUSTOMER VALIDATION

- Research Square Preprint. 2021 Aug.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

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

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