



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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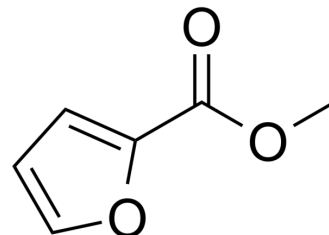
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## Methyl 2-furoate

<b>Cat. No.:</b>	HY-Y0949		
<b>CAS No.:</b>	611-13-2		
<b>Molecular Formula:</b>	C <sub>6</sub> H <sub>6</sub> O <sub>3</sub>		
<b>Molecular Weight:</b>	126.11		
<b>Target:</b>	Endogenous Metabolite		
<b>Pathway:</b>	Metabolic Enzyme/Protease		
<b>Storage:</b>	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)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			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

- 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
- 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
- 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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