



# 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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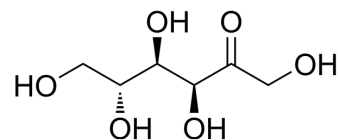
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## D-Fructose

Cat. No.:	HY-N7092		
CAS No.:	57-48-7		
Molecular Formula:	C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>		
Molecular Weight:	180.16		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 100 mg/mL (555.06 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.5506 mL	27.7531 mL	55.5062 mL
		5 mM	1.1101 mL	5.5506 mL	11.1012 mL
10 mM		0.5551 mL	2.7753 mL	5.5506 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (277.53 mM); Clear solution; Need ultrasonic				

### BIOLOGICAL ACTIVITY

Description	D-Fructose (D(-)-Fructose) is a naturally occurring monosaccharide found in many plants.
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Adv Sci (Weinh). 2023 Oct;10(28):e2302130.

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

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

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