



# 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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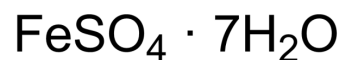
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## Iron(II) sulfate heptahydrate, for cell culture, 99%

Cat. No.:	HY-Y1103A		
CAS No.:	7782-63-0		
Molecular Formula:	FeSO <sub>4</sub> ·7H <sub>2</sub> O		
Molecular Weight:	278.01		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 100 mg/mL (359.70 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.5970 mL	17.9850 mL	35.9699 mL
5 mM	0.7194 mL	3.5970 mL	7.1940 mL
10 mM	0.3597 mL	1.7985 mL	3.5970 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Iron(II) sulfate heptahydrate, for cell culture, 99% is a biochemical reagent that can be used as a biological material or organic compound for life science related research<sup>[1]</sup>.

### REFERENCES

[1]. Wang Z, et al. Effect of chelators on the production and nature of the reactive intermediates formed in Fe(II) activated peroxydisulfate and hydrogen peroxide processes. Water Res. 2019 Nov 1;164:114957.

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

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