



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

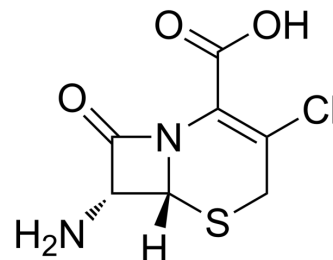
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## 7-Amino-3-chloro cephalosporanic acid

Cat. No.:	HY-131124		
CAS No.:	53994-69-7		
Molecular Formula:	C <sub>7</sub> H <sub>7</sub> ClN <sub>2</sub> O <sub>3</sub> S		
Molecular Weight:	234.66		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

0.1 M Sodium carbonate : 40 mg/mL (170.46 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.2615 mL	21.3074 mL	42.6148 mL
	5 mM	0.8523 mL	4.2615 mL	8.5230 mL
	10 mM	0.4261 mL	2.1307 mL	4.2615 mL

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

### BIOLOGICAL ACTIVITY

#### Description

7-Amino-3-chloro cephalosporanic acid (7-ACCA) is an important intermediate for the synthesis of the second generation cephalosporins [Cefaclor](#) (HY-B0198)<sup>[1]</sup>.

### REFERENCES

[1]. Xiaoling Wu, et al. Improving Biocatalysis of Cefaclor With Penicillin Acylase Immobilized on Magnetic Nanocrystalline Cellulose in Deep Eutectic Solvent Based Co-Solvent. *Bioresour Technol.* 2019 Sep;288:121548.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA