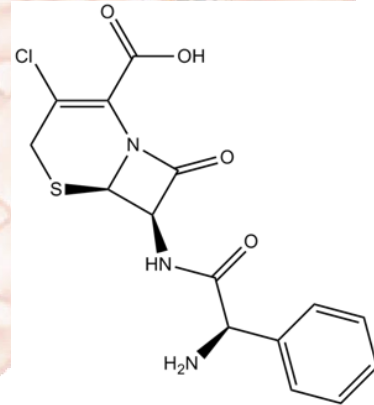


## Product Data Sheet

### Cefaclor

<b>Cat. No.:</b>	A5559
<b>CAS No.:</b>	53994-73-3
<b>Formula:</b>	C <sub>15</sub> H <sub>14</sub> ClN <sub>3</sub> O <sub>4</sub> S
<b>M.Wt:</b>	367.81
<b>Synonyms:</b>	
<b>Target:</b>	Microbiology & Virology
<b>Pathway:</b>	Antibiotic
<b>Storage:</b>	Store at -20°C



### Solvent & Solubility

insoluble in EtOH; insoluble in DMSO;  $\geq 3.68$  mg/mL in H<sub>2</sub>O with gentle warming and ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	2.7188 mL	13.5940 mL	27.1880 mL
	<b>5 mM</b>	0.5438 mL	2.7188 mL	5.4376 mL
	<b>10 mM</b>	0.2719 mL	1.3594 mL	2.7188 mL

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

### Biological Activity

Shortsummary

Cephalosporin antibiotic inhibiting cell wall synthesis.

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

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

## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

**[www.apexbt.com](http://www.apexbt.com)**

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: [info@apexbt.com](mailto:info@apexbt.com)

