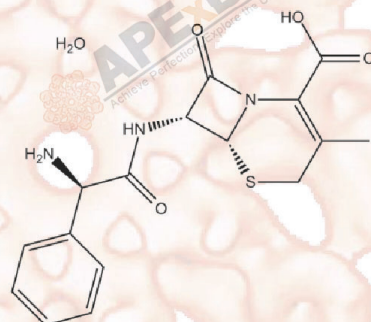


# Product Data Sheet

## Cephalexin monohydrate

Cat. No.:	B1078
CAS No.:	23325-78-2
Formula:	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>5</sub> S
M.Wt:	365.4
Synonyms:	
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



### Solvent & Solubility

insoluble in DMSO; insoluble in EtOH; ≥5.04 mg/mL in H<sub>2</sub>O

In Vitro

	Solvent	Mass Concentration	1mg	5mg	10mg
Preparing Stock Solutions		1 mM	2.7367 mL	13.6836 mL	27.3673 mL
		5 mM	0.5473 mL	2.7367 mL	5.4735 mL
		10 mM	0.2737 mL	1.3684 mL	2.7367 mL

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

### Biological Activity

Shortsummary

Semisynthetic cephalosporin antibiotic

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. Short-term 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)