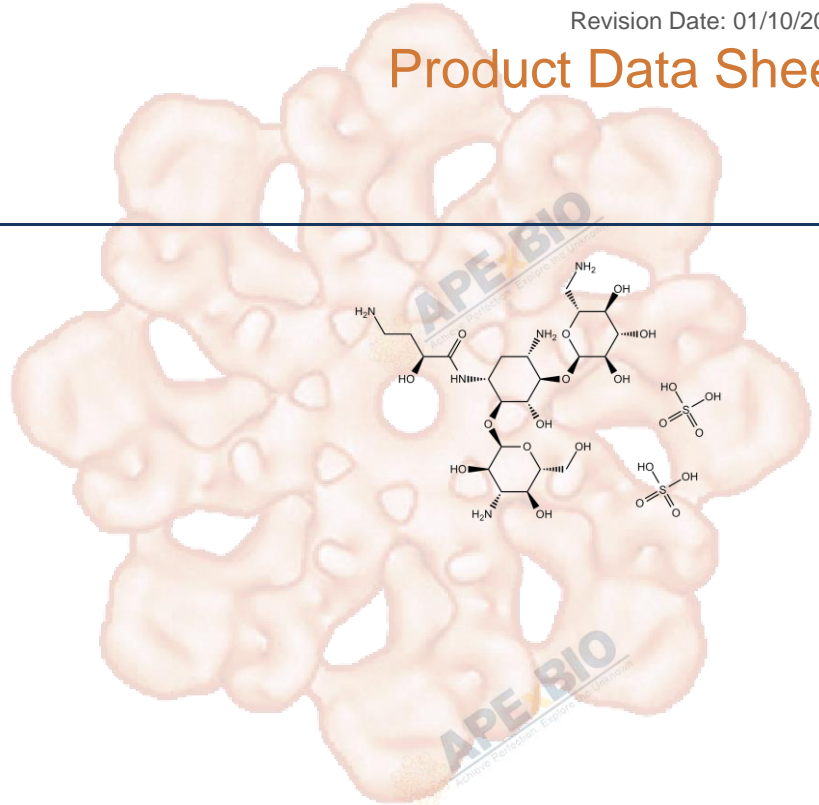


# Product Data Sheet

## Amikacin disulfate

**Cat. No.:** B1658  
**CAS No.:** 39831-55-5  
**Formula:** C<sub>22</sub>H<sub>43</sub>N<sub>5</sub>O<sub>13</sub>·2H<sub>2</sub>O<sub>4</sub>S  
**M.Wt:** 781.76  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in DMSO; insoluble in EtOH;  $\geq 17.37$  mg/mL in H<sub>2</sub>O

In Vitro

| Preparing Stock Solutions | Solvent              | Mass      |           |            |
|---------------------------|----------------------|-----------|-----------|------------|
|                           |                      | 1mg       | 5mg       | 10mg       |
|                           | <b>Concentration</b> |           |           |            |
|                           | <b>1 mM</b>          | 1.2792 mL | 6.3958 mL | 12.7916 mL |
|                           | <b>5 mM</b>          | 0.2558 mL | 1.2792 mL | 2.5583 mL  |
|                           | <b>10 mM</b>         | 0.1279 mL | 0.6396 mL | 1.2792 mL  |

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

### Biological Activity

Shortsummary

Semisynthetic aminoglycoside 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)

