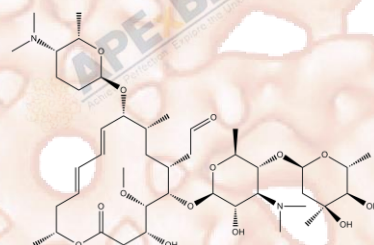


# Product Data Sheet

## Spiramycin

**Cat. No.:** B1839  
**CAS No.:** 8025-81-8  
**Formula:** C<sub>43</sub>H<sub>74</sub>N<sub>2</sub>O<sub>14</sub>  
**M.Wt:** 843.058  
**Synonyms:**  
**Target:**  
**Pathway:**  
**Storage:** Store at -20°C



## Solvent & Solubility

≥31.25 mg/mL in DMSO; ≥4.71 mg/mL in H<sub>2</sub>O with ultrasonic; ≥46.1 mg/mL in EtOH

In Vitro

	Solvent	Mass	1mg	5mg	10mg
Preparing Stock Solutions	Concentration				
	1 mM		1.1862 mL	5.9308 mL	11.8616 mL
	5 mM		0.2372 mL	1.1862 mL	2.3723 mL
	10 mM		0.1186 mL	0.5931 mL	1.1862 mL

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

## Biological Activity

Shortsummary

16-membered ring macrolide (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. 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**

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