

Product Data Sheet

Maduramicin

Cat. No.:	C4086
CAS No.:	79356-08-4
Formula:	C ₄₇ H ₈₀ O ₁₇
M.Wt:	917.1
Synonyms:	Antibiotic X 14868A
Target:	Microbiology & Virology
Pathway:	Antibiotic
Storage:	Store at -20°C



Solvent & Solubility

Soluble in DMSO

In Vitro

	Solvent Concentration	Mass	1mg	5mg	10mg
Preparing Stock Solutions	1 mM		1.0904 mL	5.4520 mL	10.9039 mL
	5 mM		0.2181 mL	1.0904 mL	2.1808 mL
	10 mM		0.1090 mL	0.5452 mL	1.0904 mL

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

Biological Activity

Shortsummary

polyether ionophore antibiotic

 IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on 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

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

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com

