



## Unearth their secrets: Antimicrobials for plant biotechnology

### About Us:

TOKU-E manufactures innovative antimicrobial products, bioactive small molecules and fine chemicals for research and diagnostics. We can create custom antimicrobial products for your unique requirements.

### Why Choose Us:

- Over 40 years in business
- ISO 9001:2015 certified
- Antimicrobial experts
- Broad portfolio

**READY  
MADE™**

# Transformation and Contamination Control

Antimicrobials are used in plant tissue culture to control microbial infection (bacterial, viral, and fungal), select for transformed plants, or eliminate *Agrobacterium* after transformation.

Whether you're at the bench or purchasing for the plant lab, it makes a difference when you have the right products at hand. We've added a number of convenient ReadyMade™ solutions just for you!

ReadyMade solutions come sterile-filtered for safer and more efficient use.

## Antimicrobials in Plant Tissue Culture

Product	Item #	Type	Use	Spectrum
Amphotericin B ReadyMade™ Solution	<a href="#">A234</a>	Antimycotic	Contamination control	Fungi, viruses, protozoa
Bialaphos ReadyMade™ Solution	<a href="#">B100</a>	Tripeptide antibiotic	Gene selection ( <i>bar</i> gene), contamination control	Gram-positive, Gram-negative bacteria, fungi
Carbenicillin ReadyMade™ Solution	<a href="#">C289</a>	Carboxypenicillin antibiotic	Gene selection	Gram-positive, Gram-negative bacteria
Cefotaxime Sodium, USP	<a href="#">C011</a>	Cephalosporin antibiotic	Gene selection, contamination control	Gram-positive, Gram-negative bacteria
Chloramphenicol ReadyMade™ Solution	<a href="#">C090</a>	Antibiotic	Gene selection	Gram-positive, Gram-negative bacteria
Erythromycin ReadyMade™ Solution	<a href="#">E096</a>	Macrolide antibiotic	Contamination control	Gram-positive, Gram-negative bacteria, Mycoplasma, Mycobacteria
G418 Disulfate ReadyMade™ Solution	<a href="#">G020</a>	Aminoglycoside antibiotic	Gene selection	Bacteria, fungi (yeasts/molds), susceptible eukaryotic cells

Gentamicin ReadyMade™ Solution	<a href="#">G046</a>	Aminoglycoside antibiotic	Contamination control	Gram-positive, Gram-negative bacteria
Hygromycin B ReadyMade™ Solution	<a href="#">H011</a>	Aminoglycoside antibiotic	Gene selection ( <i>hpt</i> gene)	Bacteria, fungi, higher eukaryotes
Kanamycin Sulfate ReadyMade™ Solution	<a href="#">K036</a>	Aminoglycoside antibiotic	Gene selection ( <i>nptII</i> gene)	Gram-positive bacteria, Gram-negative bacteria, Mycobacteria, Mycoplasma
Nystatin ReadyMade™ Solution	<a href="#">N090</a>	Antifungal	Contamination control	Fungi (yeasts, molds)
Penicillin G Potassium, USP	<a href="#">P028</a>	Beta-lactam antibiotic	Contamination control	Gram-positive bacteria
Penicillin G Sodium	<a href="#">P006</a>	Beta-lactam antibiotic	Contamination control	Gram-positive bacteria
Polymyxin B ReadyMade™ Solution	<a href="#">P174</a>	Polypeptide antibiotic	Contamination control	Gram-positive, Gram-negative bacteria, fungi
Rifampicin ReadyMade™ Solution	<a href="#">R041</a>	Antibiotic	Selection agent	Gram-positive, Gram-negative bacteria, Mycobacteria
Streptomycin ReadyMade™ EDTA Solution	<a href="#">S142</a>	Aminoglycoside	Contamination control	Gram-negative bacteria, Mycobacteria
Timentin ReadyMade™ Solution	<a href="#">T147</a>	Beta-lactam antibiotic	Gene selection	Gram-positive bacteria
Vancomycin ReadyMade™ Solution	<a href="#">V040</a>	Glycopeptide antibiotic	Contamination control	Gram-positive bacteria

Whether you need a little or a lot, we have a range of antimicrobials for your plant research projects.

Please contact us today!



**US inquiries:**  
[info@toku-e.com](mailto:info@toku-e.com)

**EU inquiries:**  
[info.eu@toku-e.com](mailto:info.eu@toku-e.com)