



Commonly used Antibiotic Products

Scientific Experiments

Preamble

Welcome to Aladdin Scientific's brochure of commonly used antibiotics for scientific research. At the forefront of life sciences and biomedical research, antibiotics play an indispensable role as a key tool. They not only excel in controlling and preventing bacterial infections but also serve as crucial reagents in gene research, protein expression, and cell culture experiments.

The broad application of antibiotics in research spans multiple fields. Whether used as selection markers in genetic engineering or to prevent contamination in cell culture, antibiotics demonstrate their unique scientific value. In biotechnology and pharmaceutical industries, antibiotics are used to screen and produce microorganisms with specific genes or proteins, further advancing these fields. The diversity and efficacy of antibiotics provide researchers with powerful tools, helping them achieve breakthroughs in complex experiments.

This brochure features a selection of commonly used antibiotics in scientific research, ranging from classic antibiotics like penicillin and streptomycin to more specialized modern antibiotics, meeting various research needs. Aladdin Scientific's antibiotic products are manufactured to international standards, ensuring high purity and high efficacy, providing a solid foundation for your scientific experiments.

We understand that every step in scientific research requires precision and innovation. Aladdin Scientific's antibiotic products offer stable performance and reliable quality, backed by a professional after-sales team and technical support to help you achieve accurate and reproducible results. We continuously introduce new and optimized antibiotic products to better serve researchers and contribute to scientific progress.

Thank you for choosing Aladdin Scientific as your research partner. We hope this brochure will help you better understand the scientific applications of antibiotics and provide valuable information when selecting antibiotic products. We look forward to our antibiotics supporting your research journey, exploring the infinite possibilities of science together.



β -lactam

Cat.No	Product Name	CAS	Category	Purity/Grade	Specification
P274325	Penicillin G sodium salt	69-57-8	Penicillins	USP	100MU;500MU
P105489	penicillin G, Na	69-57-8	Penicillins	1650 U/mg	5g;25g;100g;500g
C352143	Cloxacillin sodium salt	642-78-4	Penicillins	95%	250mg;1g;5g
C432749	Carbenicillin disodium salt	4800-94-6	Penicillins	Plant cell culture grade	250mg;1g;5g;10g
C113144	Carbenicillin disodium	4800-94-6	Penicillins	USP	1g;5g;10g;25g;100g
D129953	Doripenem Hydrate	364622-82-2	Carbapenems	≥ 99%	250mg;1g;50mg
C153411	Cefmetazole Sodium Salt	56796-39-5	Cephalosporins	> 97.0%(T)	100mg;250mg;1g
C136445	Cefoperazone sodium	62893-20-3	Cephalosporins	98%	1g;5g;25g
C342003	Cefaclor	53994-73-3	Cephalosporins	> 97%(HPLC)	250mg;1g;5g;25g;100g
C343338	Cefixime	79350-37-1	Cephalosporins	≥ 98%	250mg;1g;5g;25g;100g
C304822	Cefepime	88040-23-7	Cephalosporins	98%	200mg;1g
C336103	Cefazolin	25953-19-9	Cephalosporins	≥ 98%	1g;5g;25g;100g
C102163	Cefuroxime sodium salt	56238-63-2	Cephalosporins	Analytical standard	1g;5g
C413097	Ceftaroline Fosamil	400827-46-5	Cephalosporins	98%	10mg;50mg;250mg

Macrolides

Cat.No	Product Name	CAS	Category	Purity/Grade	Specification
E329424	Erythromycin C	1675-02-1	Erythromycins	95%	1mg;5mg
E329425	Erythromycin B	527-75-3	Erythromycins	≥ 90%	1mg;5mg
E352520	Erythromycin Oxime	13127-18-9	Erythromycins	≥ 93%	5g;25g;100g
E333730	Erythromyclamine	26116-56-3	Erythromycins	≥ 98%	1mg;100mg;250mg;1g
C129746	Clarithromycin	81103-11-9	Clarithromycins	≥ 98%	1g;5g;25g;100g
D127678	Doramectin	117704-25-3	Doramectins	98%	200mg;1g;5g

Aminoglycosides

Cat.No	Product Name	CAS	Category	Purity/Grade	Specification
S276470	Streptochlorin	120191-51-7	Streptomycins	≥ 95%	1mg;5mg;25mg;100mg
S432672	Streptomycin sulfate salt	3810-74-0	Streptomycins	Powder, suitable for mouse embryonic cell culture	5g;50g;100g;500g
S432673	Streptomycin sulfate salt	3810-74-0	Streptomycins	Powder, suitable for cell culture	25g;100g
S432671	Streptomycin sulfate salt	3810-74-0	Streptomycins	Powder	5g;25g;50g;100g;1kg
A167411	Amikacin sulfate salt	149022-22-0	Amikacins	98%	1g;5g;25g;100g
A302305	Amikacin hydrate	1257517-67-1	Amikacins	98%	10mg;50mg;250mg;1g
G302822	Gentamicin	1403-66-3	Gentamicins	≥ 900IU/mg	10mg;50mg;100mg
G100391	Gentamycin Sulfate	1405-41-0	Gentamicins	USP	1g;5g;25g;100g;500g

Fluoroquinolones

Cat.No	Product Name	CAS	Category	Purity/Grade	Specification
C129896	Ciprofloxacin	85721-33-1	Ciprofloxacin	≥ 98%	1g;5g;25g;100g;500g
M302962	Moxifloxacin	151096-09-2	Moxifloxacin	98%	250mg;1g;5g
M158421	Moxifloxacin Hydrochloride Monohydrate	192927-63-2	Moxifloxacin	> 98.0%(HPLC)(T)	250mg;1g
N275048	Norfloxacin nicotinate	118803-81-9	Norfloxacin	≥ 98%	10g;25g;100g;500g;2.5kg
N129378	Nadifloxacin	124858-35-1	Nadifloxacin	≥ 98% (HPLC)	250mg;1g
N136559	nalidixic acid sodium salt	3374-05-8	Norfloxacin	98%	250mg;1g;5g;25g;100g
L157745	Levofloxacin	100986-85-4	Levofloxacin	> 98.0%(HPLC)	5g;25g;100g;500g

Tetracycline

Cat.No	Product Name	CAS	Category	Purity/Grade	Specification
T433240	Tetracycline hydrochloride	64-75-5	Tetracycline	Powder, suitable for cell culture	5g;25g
T433238	Tetracycline hydrochloride	64-75-5	Tetracycline	≥ 95%	25g;100g
T105493	Tetracycline hydrochloride	64-75-5	Tetracycline	USP	10g;25g;100g;500g
T140622	Tetracycline hydrochloride	64-75-5	Tetracycline	96%	25g;100g;500g
D302150	Doxycycline hydrochloride	10592-13-9	Doxycyclines	≥ 95%	1g;5g;25g;100g;500g

Other Categories

Cat.No	Product Name	CAS	Category	Purity/Grade	Specification
C100333	Chloramphenicol	56-75-7	Chloramphenicol	USP	25g;100g;500g;1kg
C100334	Chloramphenicol	56-75-7	Chloramphenicol	Plant cell culture grade	25g;100g
C348072	Chloramphenicol 1-Acetate	23214-93-9	Chloramphenicol	≥ 98%	1mg;2.5mg;5mg
C329348	Chloramphenicol succinate	3544-94-3	Chloramphenicol	94%	5mg;25mg
P129923	PA-824	187235-37-6	Pyrroles	98%	50mg;100mg
C129914	Clindamycin Phosphate	24729-96-2	lincosamides	≥ 96%	1g;5g;25g;100g

United States

Aladdin Scientific Corporation

14078 Meridian Parkway,
Riverside, CA 92518,
USA

Tel: +1 (833) 552-7181

Purchasing Email: sales@aladdinsci.com

Technical Support: support@aladdinsci.com

Customer Support: custserv@aladdinsci.com

Germany

Aladdin Biochem Deutschland GmbH

Westring 2,
33142 Büren, Nordrhein-Westfalen,
Germany

Tel: +49 2951 9383958

Technical Support: TechSupport.Eu@aladdinsci.com

Customer Support: CustomerSupport.Eu@aladdinsci.com

Ireland

Aladdin Technology Limited

Bay 117, Shannon Free Zone,
Shannon, Co. Clare,
Ireland

Tel: +353 530791815

Technical Support: TechSupport.Eu@aladdinsci.com

Customer Support: CustomerSupport.Eu@aladdinsci.com

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<https://www.aladdinsci.com/>

