Kanamycin . sulfate

Antibiotic

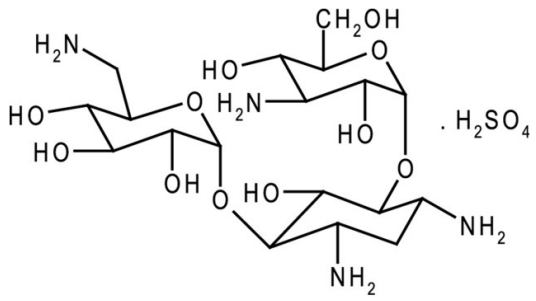
Aminoglycoside antibiotic with broad antibacterial spectrum, including mycobacteria, many Gram-positive and most Gram-negative bacteria. Inhibits bacterial protein synthesis. Kanamycin resistance is widely used as a selection marker for obtaining transgenic plants.

Citations: 4 View Online »

Ordering Information Order Online »

ALX-380-049-G005	5g

Manuals, SDS & CofA View Online »


CH2OH
H2N
HO
O
HO
H2N
HO
. H2SO4
HO
O
OH
O
HO
NH2
NH2

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Activity	≥700 µg/mg
Appearance	White to off-white crystalline powder.
CAS	25389-94-0
Couple Type	Inhibitor
Formula	$C_{18}H_{36}N_4O_{11} \cdot H_2SO_4$
MI	**14:** 5281
MW	484.5 . 98.1
Solubility	Soluble in water.
Source	Isolated from *Streptomyces kanamyceticus*.

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.