

## Kanamycin (BioPremium, USP Grade)

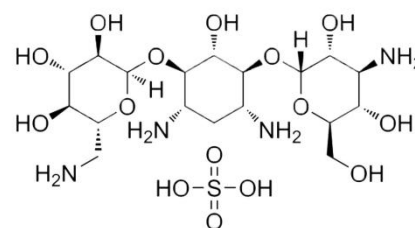
产品编号	产品名称	包装
ST103-1g	Kanamycin (BioPremium, USP Grade)	1g
ST103-5g	Kanamycin (BioPremium, USP Grade)	5g

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
25389-94-0	C <sub>18</sub> H <sub>36</sub> N <sub>4</sub> O <sub>11</sub> ·H <sub>2</sub> SO <sub>4</sub>	582.58	-	-

### ➤ 基本信息(General Information):

Name (Chinese)	卡那霉素
Name (English)	Kanamycin
Specifications	meets USP testing specifications
Chemical Formula	C <sub>18</sub> H <sub>36</sub> N <sub>4</sub> O <sub>11</sub> ·H <sub>2</sub> SO <sub>4</sub>
Synonym (Chinese)	硫酸卡那霉素
Synonym (English)	Kanamycin; Kanamycin sulfate
Beilstein Registry No.	-
EINECS Number	-
MDL Number	-
UNSPSC Code	-



### ➤ 产品描述(Description):

General description	Recommended working concentration: 100µg/ml. An aminoglycoside antibiotic effective against Gram-positive and Gram-negative organisms. Inhibitor of protein biosynthesis that acts on the 30S ribosome, causing misreading of the genetic code. May cause renal damage and ototoxicity. An aminoglycoside antibiotic effective against Gram-positive and Gram-negative organisms. Inhibitor of protein biosynthesis that acts on the 70S ribosome, causing misreading of the genetic code. May cause renal damage and ototoxicity. Useful for the selection of kanamycin resistant plasmids in E. coli. Tested and found to be negative for cytotoxicity against HeLa cells.
Biochem/physiol Actions	Primary Target protein biosynthesis that acts on the 30S ribosome
Potency (dry powder)	≥760U/mg

### ➤ 性质(Properties):

Storage condition	OK to freeze
Color	white to off-white
Solubility	water: 10mg/ml

### ➤ 安全信息(Safety Information):

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-
Precautionary Statements	-
Personal Protective Equipment	-
Hazard Codes (Europe)	-

Risk Codes (Europe)	-
Safety Codes (Europe)	-
RIDADR	-
WGK Germany	2
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

**包装清单:**

产品编号	产品名称	包装
ST103-1g	Kanamycin (BioPremium, USP Grade)	1g
ST103-5g	Kanamycin (BioPremium, USP Grade)	5g
—	说明书	1份

**保存条件:**

室温保存，三年有效。

**注意事项:**

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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