

## 万古霉素盐酸盐( $\geq 900\mu\text{g}/\text{mg}$ , Reagent grade)

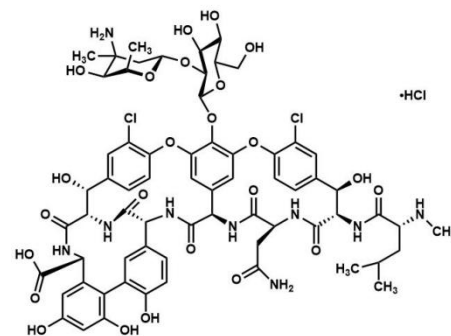
产品编号	产品名称	包装
ST2807-250mg	万古霉素盐酸盐( $\geq 900\mu\text{g}/\text{mg}$ , Reagent grade)	250mg
ST2807-1g	万古霉素盐酸盐( $\geq 900\mu\text{g}/\text{mg}$ , Reagent grade)	1g
ST2807-5g	万古霉素盐酸盐( $\geq 900\mu\text{g}/\text{mg}$ , Reagent grade)	5g

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
1404-93-9	$\text{C}_{66}\text{H}_{75}\text{Cl}_2\text{N}_9\text{O}_{24}\cdot\text{HCl}$	1485.71	$\geq 900\mu\text{g}/\text{mg}$	Reagent grade

### ➤ 基本信息(General Information):

Name (Chinese)	万古霉素盐酸盐
Name (English)	Vancomycin hydrochloride
Specifications	Reagent grade, potency: $\geq 900\mu\text{g}/\text{mg}$ (as vancomycin base)
Chemical Formula	$\text{C}_{66}\text{H}_{75}\text{Cl}_2\text{N}_9\text{O}_{24}\cdot\text{HCl}$
Synonym (Chinese)	
Synonym (English)	
Beilstein Registry No.	3704657
EINECS Number	-
MDL Number	-
UNSPSC Code	51101500



### ➤ 产品描述(Description):

Application	Vancomycin, from <i>Streptomyces orientalis</i> , is used for the treatment of serious or severe infections caused by susceptible strains of methicillin-resistant ( $\beta$ -lactam-resistant) staphylococci. It is used to block bacterial cell wall biosynthesis at the lev
Biochem/physiol Actions	Vancomycin is a glycopeptide antibiotic that blocks bacterial cell wall biosynthesis at the level of peptidoglycan biosynthesis. It inhibits incorporation of terminal D-alanyl-D-alanine moieties of the NAM/NAG-peptides. It is effective against Gram-positi
Biochem/physiol Actions	Glycopeptide antibiotic Mode of action: Used to block bacterial cell wall biosynthesis at the level of peptidoglycan biosynthesis by inhibiting incorporation of terminal D-alanyl-D-alanine moieties of the NAM/NAG-peptides. Antimicrobial spectrum: Gram-positi
Other Notes	Studies on bond strength in vancomycin-peptide complexes. Structure of vancomycin and its complex with acetyl-D-alanyl-D-alanine.
Protocols & Applications	Antibiotic Selector for application, solubility, solution stability, working concentration, and mode of action information

### ➤ 性质(Properties):

Mode of action	cell wall synthesis   interferes
solubility	$\text{H}_2\text{O}$ : soluble 50 mg/mL
antibiotic activity spectrum	Gram-positive bacteria
potency	$\geq 900$ mug per mg (as vancomycin base)
storage temp.	2-8°C

### ➤ 安全信息(Safety Information):

Hazard Pictogram Codes	GHS07
Signal Word	Warning

Hazard Statements	H317
Precautionary Statements	P280
Personal Protective Equipment	dust mask type N95 (US),, Eyeshields,, Faceshields,, Gloves,
Hazard Codes (Europe)	Xi
Risk Codes (Europe)	43
Safety Codes (Europe)	36/37
RIDADR	NONH for all modes of transport
WGK Germany	2
RTECS	YW4380000
Flash Point (F)	-
Flash Point (C)	-

#### 包装清单:

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—	说明书	1份

#### 保存条件:

4°C保存, 两年有效。

#### 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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