

头孢噻肟钠(BioReagent)

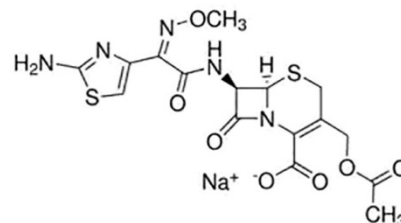
产品编号	产品名称	包装
ST2267-1g	头孢噻肟钠(BioReagent)	1g
ST2267-5g	头孢噻肟钠(BioReagent)	5g
ST2267-25g	头孢噻肟钠(BioReagent)	25g

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
64485-93-4	C ₁₆ H ₁₆ N ₅ NaO ₇ S ₂	477.45		BioReagent

➤ 基本信息(General Information):

Name (Chinese)	头孢噻肟钠
Name (English)	Cefotaxime sodium
Specifications	BioReagent, powder
Chemical Formula	C ₁₆ H ₁₆ N ₅ NaO ₇ S ₂
Synonym (Chinese)	Cefotaxim sodium salt 钠盐
Synonym (English)	Cefotaxim sodium salt
Beilstein Registry No.	5711411
EINECS Number	264-915-9
MDL Number	MFCD00079073
UNSPSC Code	12352200



➤ 产品描述(Description):

Biochem/physiol Actions	Cefotaxim inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins (PBPs) which inhibits the final transpeptidation step of peptidoglycan synthesis in bacterial cell walls. As a result, bacteria lyse due to cell wall autolytic enzyme
Biochem/physiol Actions	Cefotaxime, a cephalosporin antibiotic, is active against both gram-negative and gram-positive bacteria. In addition, cefotaxime blocks the division of cyanobacteria and lower plant organelles/plastids such as the photosynthetic organelles of Glaucophytes
Other Notes	Broad spectrum third generation cephalosporin antibiotic.
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
storage temp.	2-8°C
antibiotic activity	Gram-positive bacteria
antibiotic activity	Gram-negative bacteria
Featured Industry	Agriculture
application(s)	cell culture plant: suitable
color	white to light yellow
suitability	plant cell culture tested
solubility	H ₂ O: soluble (aqueous solutions of pH 4.3-6.2 are stable up to 3 weeks at 2-8 °C.)
form	powder

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	GHS07, GHS08
Signal Word	Danger
Hazard Statements	H317-H334

Precautionary Statements	P261-P280-P342 + P311
Personal Protective Equipment	dust mask type N95 (US), Eyeshields,, Faceshields,, Gloves,
Hazard Codes (Europe)	Xn
Risk Codes (Europe)	42/43
Safety Codes (Europe)	22-36/37
RIDADR	NONH for all modes of transport
WGK Germany	2
RTECS	XI0250000
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。

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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