

## 腺苷(≥99%, BioReagent)

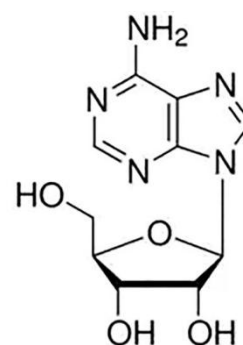
产品编号	产品名称	包装
ST1075-1g	腺苷(≥99%, BioReagent)	1g
ST1075-5g	腺苷(≥99%, BioReagent)	5g
ST1075-25g	腺苷(≥99%, BioReagent)	25g

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
58-61-7	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>	267.24	≥99%	BioReagent

### ➤ 基本信息(General Information):

Name (Chinese)	腺苷
Name (English)	Adenosine
Specifications	BioReagent, ≥99%, suitable for cell culture
Chemical Formula	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub> O <sub>4</sub>
Synonym (Chinese)	9-β-D-呋喃核糖基腺嘌呤, 腺嘌呤核苷, 腺嘌呤-9-β-D-呋喃核糖苷
Synonym (English)	9-beta-D-Ribofuranosyladenine; Adenine riboside; Adenine-9-beta-D-ribofuranoside
Beilstein Registry No.	93029
EINECS Number	200-389-9
MDL Number	MFCD00005752
UNSPSC Code	12352200



### ➤ 产品描述(Description):

Application	Adenosine has been used as a supplement in DMEM (Dulbecco's modified Eagle medium): <ul style="list-style-type: none"> <li>· to evaluate the outgrowth of the interspecies somatic cell nucleus transfer (iSCNT)-derived blastocysts</li> <li>· to maintain the CGR8 ES (germ-line competent cell line) cells</li> </ul>
Biochem/physiol Actions	Tissue injury, ischemia and abnormal cell proliferation stimulate the release of adenosine. Adenosine helps in countering the effects of reduced oxygen and energy in organs such as heart, brain and skeletal muscles mediating vasodilation. It delivers its
General Description	核苷腺苷由嘌呤腺嘌呤和糖核糖组成。因此, 它也被称为腺嘌呤-D-核糖。腺苷是形成核苷酸的重要分子, 是形成DNA和RNA的核酸的一部分。核苷酸包括: 一磷酸腺苷、二磷酸腺苷和三磷酸腺苷。

### ➤ 性质(Properties):

biological source	synthetic (organic)
assay	≥99% (HPLC)
form	powder
application(s)	cell culture   mammalian: suitable
mp	234-236 °C (lit.)
solubility	1 M NH <sub>4</sub> OH: 50 mg/mL, clear, colorless
storage temp.	2-8°C

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-
Precautionary Statements	-
Personal Protective Equipment	Eyeshields, Gloves, type N95 (US)
Hazard Codes (Europe)	-
Risk Codes (Europe)	-
Safety Codes (Europe)	-
RIDADR	NONH for all modes of transport
WGK Germany	2
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

包装清单:

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ST1075-1g	腺苷(≥99%, BioReagent)	1g
ST1075-5g	腺苷(≥99%, BioReagent)	5g
ST1075-25g	腺苷(≥99%, BioReagent)	25g
—	说明书	1份

保存条件:

4°C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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