

反玉米素核苷($\geq 97\%$, BioReagent)

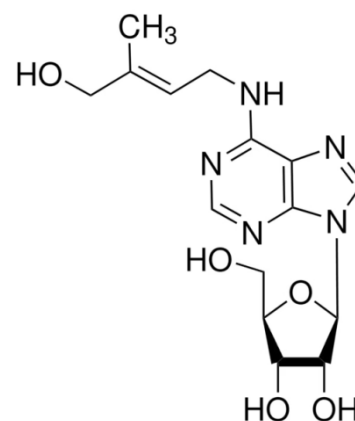
| 产品编号 | 产品名称 | 包装 |
|--------------|-----------------------------------|-------|
| ST1772-10mg | 反玉米素核苷($\geq 97\%$, BioReagent) | 10mg |
| ST1772-50mg | 反玉米素核苷($\geq 97\%$, BioReagent) | 50mg |
| ST1772-250mg | 反玉米素核苷($\geq 97\%$, BioReagent) | 250mg |

产品简介:

| CAS Number | Chemical Formula | Molecular Weight | Purity | Grade |
|------------|---|------------------|-------------|------------|
| 6025-53-2 | C ₁₅ H ₂₁ N ₅ O ₅ | 351.36 | $\geq 97\%$ | BioReagent |

➤ 基本信息(General Information):

| | |
|------------------------|---|
| Name (Chinese) | 反玉米素核苷 |
| Name (English) | trans-Zeatin-iboside |
| Specifications | BioReagent, $\geq 97\%$ |
| Chemical Formula | C ₁₅ H ₂₁ N ₅ O ₅ |
| Synonym (Chinese) | 反式玉米素核苷; 玉精核糖甙; 6-反式-4-羟基-3-甲基-丁-2-烯基氨基嘌呤核苷; 9-(β-D-呋喃核糖基)-反式-玉米素; N ⁶ -(反式-4-羟基-3-甲基-2-丁烯-1-基)腺苷 |
| Synonym (English) | Zeatin riboside; Ribosylzeatin; 9-Ribosyl-trans-zeatin; 9-(beta-D-Ribofuranosyl)-trans-zeatin; 9-(β-D-Ribofuranosyl)-trans-zeatin; N ⁶ -(trans-4-Hydroxy-3-methyl-2-buten-1-yl)adenosine |
| Beilstein Registry No. | 5460894 |
| EINECS Number | - |
| MDL Number | MFCD00036809 |
| UNSPSC Code | 10171502 |
| PubChem CID | 6440982 |



➤ 产品描述(Description):

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|---------------------|--|
| General description | 反玉米素核苷是一种细胞分裂素的前体物质,是木质部管道中重要的长距信号传导形式,常用于组织培养系统,包括控制枝条生长和形成、细胞分裂和抑制叶子衰老。 |
| Application | 用作补充剂和抑制因子等。反玉米素核苷用作MS培养基的补充剂,配制芽诱导培养基。其通过负调节不定根形成,可以作为根木质部树液的抑制因子。此外,反玉米素核苷可用于处理从毛细血管中回收的晶体,从而进行结晶。 |

➤ 性质(Properties):

| | |
|----------------|---|
| Physical state | Powder |
| Color | White |
| mp | 176°C |
| Assay | $\geq 97\%$ |
| Grade | BioReagent, suitable for cell culture/plant |
| Solubility | Soluble in water, ethanol, and methanol. |
| SMILES string | C\C(CO)=C/CNc1ncnc2n(cnc12)[C@@H]3O[C@H](CO)[C@@H](O)[C@H]3O |
| InChI | 1S/C15H21N5O5/c1-8(4-21)2-3-16-13-10-14(18-6-17-13)20(7-19-10)15-12(24)11(23)9(5-22)25-15/h2,6-7,9,11-12,15,21-24H,3-5H2,1H3,(H,16,17,18)/b8-2+/t9-,11-,12-,15-/m1/s1 |
| Inchi Key | GOSWTRUMMSCNCW-HNNGNKQASA-N |

➤ 安全信息(Safety Information):

| | |
|-------------------------------|---|
| Hazard Pictogram Codes | - |
| Signal Word | - |
| Hazard Statements | - |
| Precautionary Statements | - |
| Personal Protective Equipment | Dust mask type N95 (US), Eyeshields, Gloves |
| Hazard Codes (Europe) | - |
| Risk Codes (Europe) | - |
| Safety Codes (Europe) | - |
| RIDADR | NONH for all modes of transport |
| WGK Germany | 3 |
| RTECS | EM9506000 |
| Flash Point (F) | Not applicable |
| Flash Point (C) | Not applicable |
| Hazard Classifications | - |
| Storage Class Code | 11-Combustible Solids |

包装清单:

| 产品编号 | 产品名称 | 包装 |
|--------------|--------------------------|-------|
| ST1772-10mg | 反玉米素核苷(≥97%, BioReagent) | 10mg |
| ST1772-50mg | 反玉米素核苷(≥97%, BioReagent) | 50mg |
| ST1772-250mg | 反玉米素核苷(≥97%, BioReagent) | 250mg |
| — | 说明书 | 1份 |

保存条件:

-20°C保存, 两年有效。

注意事项:

- 本产品未经无菌处理, 若用于植物组织培养或细胞实验, 请提前做好预处理。
- 本产品配制成无菌溶液后, 请分装保存, 避免反复冻融造成的产品失效。
- 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。

相关产品:

| 产品编号 | 产品名称 | 包装 |
|--------|---|------------------|
| ST1317 | 表油菜素内酯(≥85%, Reagent grade) | 5mg/25mg |
| ST1750 | (+)-Abscisic Acid (脱落酸, ≥90%, BioReagent) | 1g/5g/20g |
| ST1751 | (+)-Abscisic Acid (脱落酸, ≥98%, BioReagent) | 100mg/500mg |
| ST1752 | 3-吡啶乙酸(≥98%, BioReagent) | 25g/100g |
| ST1756 | 3-吡啶丁酸(≥98%, BioReagent) | 25g/100g |
| ST1758 | α-萘乙酸(≥98%, BioReagent) | 100g/500g |
| ST1760 | 2,4-二氯苯氧乙酸(≥99%, BioReagent) | 100g/500g |
| ST1762 | 三十烷醇(≥90%, BioReagent) | 5g/25g |
| ST1766 | 激动素(≥98%, BioReagent) | 25g/100g |
| ST1768 | 玉米素(≥98%, BioReagent) | 25mg/100mg/500mg |
| ST1770 | 反玉米素(≥97%, BioReagent) | 100mg/500mg |
| ST1772 | 反玉米素核苷(≥97%, BioReagent) | 10mg/50mg/250mg |
| ST1776 | N6-异戊烯基氨基嘌呤(≥98.5%, BioReagent) | 50mg/250mg/1g |
| ST1778 | 利波腺苷(≥98%, BioReagent) | 250mg/1g |
| ST1780 | 氯吡苯脲(≥98%, BioReagent) | 5g/25g/100g |
| ST1782 | 赤霉素GA3 (≥90%, BioReagent) | 25g/100g |
| ST1786 | 赤霉素GA4+7 (≥90%, BioReagent) | 1g/5g/25g |
| ST1788 | 乙烯利(≥85%, BioReagent) | 100g/500g |
| ST1790 | 多效唑(≥95%, BioReagent) | 100g/500g |

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|--------------|---------------------------------------|---------------|
| ST1792 | 矮壮素($\geq 98\%$, BioReagent) | 25g/100g |
| ST1796 | 烯效唑($\geq 95\%$, BioReagent) | 25g/100g |
| ST1798 | 噻苯隆($\geq 97\%$, BioReagent) | 25g/100g |
| ST1800 | 马来酰肼($\geq 98\%$, BioReagent) | 100g/500g |
| ST1802 | 丁酰肼($\geq 98\%$, BioReagent) | 100g/500g |
| ST1806 | 萘草胺($\geq 99\%$, BioReagent) | 1g/5g |
| ST1808 | 麦草畏($\geq 97\%$, BioReagent) | 25g/100g |
| ST1810 | 草甘膦($\geq 98\%$, BioReagent) | 25g/100g/500g |
| ST1812-100mg | 氯磺隆($\geq 98\%$, BioReagent) | 100mg |
| ST1816 | 草铵膦($\geq 98\%$, BioReagent) | 25g/100g |
| ST1818-500g | 水杨酸($\geq 99\%$, BioReagent) | 500g |
| ST1820 | 茉莉酸甲酯($\geq 98\%$, BioReagent) | 1g/5g |
| ST1822 | 烯唑醇($\geq 98\%$, BioReagent) | 5g/25g |
| ST1826 | 甲基磺酸甲酯($\geq 98\%$, BioReagent) | 25g/100g |
| ST1828 | 独脚金内酯($\geq 98\%$, BioReagent) | 1mg/5mg/25mg |
| ST1830 | 独脚金内酯合成抑制剂($\geq 99\%$, BioReagent) | 1mg/5mg/25mg |

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