

利波腺苷($\geq 98\%$, BioReagent)

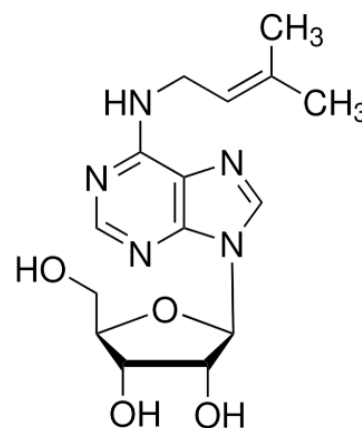
| 产品编号 | 产品名称 | 包装 |
|--------------|---------------------------------|-------|
| ST1778-250mg | 利波腺苷($\geq 98\%$, BioReagent) | 250mg |
| ST1778-1g | 利波腺苷($\geq 98\%$, BioReagent) | 1g |

产品简介:

| CAS Number | Chemical Formula | Molecular Weight | Purity | Grade |
|------------|---|------------------|-------------|------------|
| 7724-76-7 | C ₁₅ H ₂₁ N ₅ O ₄ | 335.36 | $\geq 98\%$ | BioReagent |

➤ 基本信息(General Information):

| | |
|------------------------|--|
| Name (Chinese) | 利波腺苷 |
| Name (English) | Riboprine |
| Specifications | BioReagent, $\geq 98\%$ |
| Chemical Formula | C ₁₅ H ₂₁ N ₅ O ₄ |
| Synonym (Chinese) | 异戊烯基腺嘌呤核苷; 6-(γ , γ -二甲基烯丙基氨基)嘌呤核苷 |
| Synonym (English) | 2iP Riboside; N6-Isopentenyladenosine; N(6)-(Delta (2)-isopentenyl) adenosine; N6-(γ , γ -Dimethylallyl)adenosine; N6-(2-Isopentenyl)adenosine; 6-(3,3-Dimethylallylamino)purine riboside |
| Beilstein Registry No. | - |
| EINECS Number | 231-771-3 |
| MDL Number | MFCD00005741 |
| UNSPSC Code | 10171502 |
| PubChem CID | 24405 |



➤ 产品描述(Description):

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|---------------------|--|
| General description | 利波腺苷是在细胞分裂素中发现的一种tRNA, 具有RNA修饰功能, 可提高翻译的效率和准确性, 还可调节植物生长/分化。利波腺苷是一种模拟植物激素细胞分裂素的能量代谢剂, 也是一种具有抗黑色素瘤活性的自噬(Autophagy)抑制剂, 在结构上与腺苷类似。被用于研究和控制活细胞内的基因表达、蛋白质生产以及各种生化和生理机制; 也被用作研究DNA结构系统。 |
| Application | 用于模拟植物激素细胞分裂素的能量代谢剂; 用于生理生化研究; 用于医药合成原料或医药、农药中间体。 |

➤ 性质(Properties):

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|----------------|--|
| Physical state | Powder |
| Color | White to off-white |
| mp | - |
| Assay | $\geq 98\%$ |
| Grade | BioReagent, suitable for cell culture / plant |
| Solubility | Insoluble in water, soluble in DMSO (100mg/ml (298.19mM; Need ultrasonic)) and 1M HCl (100mg/ml (298.19mM; adjust pH to 1 with HCl)). |
| SMILES string | CC(=CCNC1=C2C(=NC=N1)N(C=N2)C3C(C(C(O3)CO)O)O)C |
| InChI | InChI=1S/C15H21N5O4/c1-8(2)3-4-16-13-10-14(18-6-17-13)20(7-19-10)15-12(23)11(22)9(5-21)24-15/h3,6-7,9,11-12,15,21-23H,4-5H2,1-2H3,(H,16,17,18)/t9-,11-,12-,15-/m1/s1 |
| Inchi Key | USVMJSALORZVDV-SDBHATRESA-N |

➤ 安全信息(Safety Information):

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|-------------------------------|---|
| 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 | AU7404910 |
| Flash Point (F) | Not applicable |
| Flash Point (C) | Not applicable |
| Hazard Classifications | - |
| Storage Class Code | - |

包装清单:

| 产品编号 | 产品名称 | 包装 |
|--------------|------------------------|-------|
| ST1778-250mg | 利波腺苷(≥98%, BioReagent) | 250mg |
| ST1778-1g | 利波腺苷(≥98%, BioReagent) | 1g |
| - | 说明书 | 1份 |

保存条件:

-20°C避光保存, 两年有效。

注意事项:

- 本产品对光敏感, 注意避光保存。
- 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 |

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

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