

## N6-异戊烯基氨基嘌呤( $\geq 98.5\%$ , BioReagent)

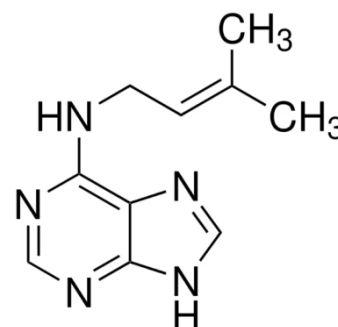
产品编号	产品名称	包装
ST1776-50mg	N6-异戊烯基氨基嘌呤( $\geq 98.5\%$ , BioReagent)	50mg
ST1776-250mg	N6-异戊烯基氨基嘌呤( $\geq 98.5\%$ , BioReagent)	250mg
ST1776-1g	N6-异戊烯基氨基嘌呤( $\geq 98.5\%$ , BioReagent)	1g

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
2365-40-4	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub>	203.24	$\geq 98.5\%$	BioReagent

### ➤ 基本信息(General Information):

Name (Chinese)	N6-异戊烯基氨基嘌呤
Name (English)	6-( $\gamma,\gamma$ -Dimethylallylamino)purine
Specifications	BioReagent, $\geq 98.5\%$
Chemical Formula	C <sub>10</sub> H <sub>13</sub> N <sub>5</sub>
Synonym (Chinese)	6-( $\gamma,\gamma$ -二甲基烯丙胺)嘌呤; N <sup>6</sup> -(2-异戊烯基)腺嘌呤; N-(3-甲基丁-2-烯-1-基)-9H-嘌呤-6-胺
Synonym (English)	2iP; Isopentenyl adenine; N6-Isopentenyl adenine; N6-(delta 2-Isopentenyl)-adenine; N6-(2-Isopentenyl)adenine; N-(3-Methylbut-2-en-1-yl)-9H-purin-6-amine
Beilstein Registry No.	-
EINECS Number	-
MDL Number	MFCD00132998
UNSPSC Code	10171502
PubChem CID	92180




### ➤ 产品描述(Description):

General description	N6-异戊烯基氨基嘌呤是一种细菌衍生的核糖苷细胞分裂素，也是细胞分裂素玉米素的前体，可用作植物生长调节剂，用于植物组织的生长，例如烟草和大豆愈伤组织。N6-异戊烯基氨基嘌呤还是合成各种化合物(包括药物、杀虫剂和染料)的关键中间体，用作为有机合成中的试剂，化学反应中的催化剂，以及分光光度分析中的显色试剂等。
Application	用作培养基组分和植物生长调节剂。N6-异戊烯基氨基嘌呤用作MS培养基的成分用于促进斐济果中组织的木质化；用作SIM培养基的成分用于促进子叶的再生；用作植物生长调节剂用于Schenk和Hildebrandt培养基以支持体外染料木( <i>Genista tinctoria</i> L.)植物芽尖的微芽培养物的繁殖。

### ➤ 性质(Properties):

Physical state	Powder
Color	White to light yellow
mp	212-214°C
Assay	$\geq 98.5\%$
Grade	BioReagent, suitable for cell culture/plant
Solubility	Insoluble in water, soluble in DMSO: 60mg/mL (295.22mM; Need ultrasonic).
SMILES string	C\C(C)=C\CNc1ncnc2[nH]cnc12
InChI	1S/C10H13N5/c1-7(2)3-4-11-9-8-10(13-5-12-8)15-6-14-9/h3,5-6H,4H2,1-2H3,(H2,11,12,13,14,15)
Inchi Key	HYVABZIGRDEKCD-UHFFFAOYSA-N

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	
Signal Word	Warning
Hazard Statements	H315-H319-H335
Precautionary Statements	P261-P264-P271-P280-P302+P352-P304+P340-P305+P351+P338-P362+P364
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	-
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
ST1776-50mg	N6-异戊烯基氨基嘌呤(≥98.5%, BioReagent)	50mg
ST1776-250mg	N6-异戊烯基氨基嘌呤(≥98.5%, BioReagent)	250mg
ST1776-1g	N6-异戊烯基氨基嘌呤(≥98.5%, BioReagent)	1g
—	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
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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