

## 丁酰肼( $\geq 98\%$ , BioReagent)

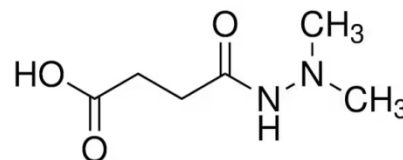
产品编号	产品名称	包装
ST1802-100g	丁酰肼( $\geq 98\%$ , BioReagent)	100g
ST1802-500g	丁酰肼( $\geq 98\%$ , BioReagent)	500g

### 产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
1596-84-5	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>	160.17	$\geq 98\%$	BioReagent

### ➤ 基本信息(General Information):

Name (Chinese)	丁酰肼
Name (English)	Daminozide
Specifications	BioReagent, $\geq 98\%$
Chemical Formula	C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>
Synonym (Chinese)	比久; N-二甲基琥珀酰肼; 单(2,2-二甲基酰肼)丁二酸酰肼; 丁二酸单(2,2-二甲基酰肼); 丁二酸-N,N-二甲基酰肼; N-二甲基氨基琥珀酰胺
Synonym (English)	Succinic acid mono(2,2-dimethylhydrazine); B9; 4-(2,2-Dimethylhydrazino)-4-oxobutanoic acid
Beilstein Registry No.	1863230
EINECS Number	216-485-9
MDL Number	MFCDD00002787
UNSPSC Code	10171502
PubChem CID	15331




### ➤ 产品描述(Description):

General description	丁酰肼又称比久, 是一种常用的植物生长调节剂, 它通过抑制赤霉素生物合成途径中2-氧戊二酸依赖性双加氧酶的活性起作用, 可抑制内源赤霉素的生物合成, 也可抑制内源生长素的合成。
Application	用作植物生长抑制剂等, 可促进矮壮, 而不影响开花结果, 对作物有增加耐寒、耐旱能力、防止落花落果及促进结实增产等效果。

### ➤ 性质(Properties):

Physical state	Crystalline
Color	White
Odor	Faint amine like odor
mp	162-164°C (lit.)
Assay	$\geq 98\%$
Grade	BioReagent, suitable for cell culture/plant
Solubility	Soluble in water: 100g/L at 25°C
SMILES string	CN(C)NC(=O)CCC(O)=O
InChI	1S/C6H12N2O3/c1-8(2)7-5(9)3-4-6(10)11/h3-4H2,1-2H3,(H,7,9)(H,10,11)
Inchi Key	NOQGZXFMHARMLW-UHFFFAOYSA-N

### ➤ 安全信息(Safety Information):

Hazard Pictogram Codes	
Signal Word	Warning
Hazard Statements	H351

Precautionary Statements	P203-P280-P308+P316-P405-P501
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	2
RTECS	WM9625000
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
ST1802-100g	丁酰肼(≥98%, BioReagent)	100g
ST1802-500g	丁酰肼(≥98%, BioReagent)	500g
—	说明书	1份

#### 保存条件:

4°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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