

萘草胺($\geq 99\%$, BioReagent)

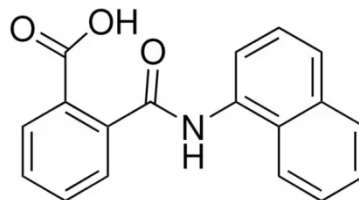
产品编号	产品名称	包装
ST1806-1g	萘草胺($\geq 99\%$, BioReagent)	1g
ST1806-5g	萘草胺($\geq 99\%$, BioReagent)	5g

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
132-66-1	C ₁₈ H ₁₃ NO ₃	291.30	$\geq 99\%$	BioReagent

➤ 基本信息(General Information):

Name (Chinese)	萘草胺
Name (English)	Naptalam (NPA)
Specifications	BioReagent, $\geq 99\%$
Chemical Formula	C ₁₈ H ₁₃ NO ₃
Synonym (Chinese)	抑草生; 西力特; N-1-萘基酞氨酸; N-(1-萘基)邻氨甲酰苯甲酸; 2-(1-萘基氨基甲酰基)安息香酸; N-(1-萘基)邻苯二甲酸
Synonym (English)	2-((1-Naphthalenylamino)Carbonyl)-Benzoic acid; 2-((1-Naphthalenylamino)Carbonyl)Benzoic acid; Acp322; N-(1-Naphthyl)phthalamidic acid; N-1-Naphthylphthamic acid; NPA
Beilstein Registry No.	2814102
EINECS Number	-
MDL Number	MFCD00037725
UNSPSC Code	10171502
PubChem CID	8594



➤ 产品描述(Description):

General description	萘草胺又名抑草生, 是一种紫色结晶固体, 是一种极性生长素转运的调节剂, 能够与生长素(3-吲哚乙酸, IAA)竞争膜结合位点; 还会破坏玉米叶片起始、KNOX蛋白调节和叶缘形成。可用作植物的抗地磁作用剂和生长素拮抗剂。
Application	用作植物生长素拮抗剂, 可抑制种子发芽, 用于葫芦科植物、大豆、马铃薯和花生等作物。

➤ 性质(Properties):

Physical state	Solid
Color	Purple
Odor	Unpleasant
mp	185-190°C
Assay	$\geq 99\%$
Grade	BioReagent, suitable for cell culture/plant
Solubility	Insoluble in water; soluble in DMSO (15mg/ml) and DMF(15mg/ml).
SMILES string	OC(=O)c1cccc1C(=O)Nc2cccc3ccccc23
InChI	1S/C18H13NO3/c20-17(14-9-3-4-10-15(14)18(21)22)19-16-11-5-7-12-6-1-2-8-13(12)16/h1-11H,(H,19,20)(H,21,22)
Inchi Key	JXTHEWSKYLZVJC-UHFFFAOYSA-N

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	H412
Precautionary Statements	P273-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	-
Flash Point (F)	Not applicable
Flash Point (C)	Not applicable
Hazard Classifications	Aquatic Chronic 3
Storage Class Code	11-Combustible Solids

包装清单:

产品编号	产品名称	包装
ST1806-1g	萘草胺(≥99%, BioReagent)	1g
ST1806-5g	萘草胺(≥99%, BioReagent)	5g
-	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。
- 本产品配制成为无菌溶液后, 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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