



碧云天生物技术/Beyotime Biotechnology
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Biotin Azide (生物素叠氮化物)

产品编号	产品名称	包装
ST3408-25mg	Biotin Azide (生物素叠氮化物)	25mg
ST3408-100mg	Biotin Azide (生物素叠氮化物)	100mg
ST3408-500mg	Biotin Azide (生物素叠氮化物)	500mg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
1006592-62-6	C ₂₇ H ₄₉ N ₇ O ₇ S	~616	≥95%	Reagent grade

➤ 基本信息(General Information):

Name (Chinese)	生物素叠氮化物
Name (English)	Biotin Azide
Specifications	Reagent grade
Chemical Formula	C ₂₇ H ₄₉ N ₇ O ₇ S
Synonym (Chinese)	生物素叠氮; PEG4羧酰胺-6-叠氮基己基生物素
Synonym (English)	Biotin-azide; Biotin-PEG4-Amine-C6-Azide; PEG4 carboxamide-6-Azidohexanyl Biotin; Biotin N3; Click Chemistry Reagent
Beilstein Registry No.	-
EINECS Number	-
MDL Number	-
UNSPSC Code	-

➤ 产品描述(Description):

Application	Biotin azide enables the specific labeling of various alkynylated molecules, such as DNA, oligonucleotides, and proteins, with biotin.
General Description	Biotin azide is an azido derived biotin probe. Biotin-azide can be used to prepare various biotinylated conjugates via click chemistry. The conjugation of biotin and its derivatives to various biomolecules can be achieved through the widely recognized click chemistry methodology, followed by their detection using streptavidin, avidin, or NeutrAvidin biotin-binding proteins. Biotin-azide serves as a valuable reagent for the synthesis of diverse biotinylated conjugates via Click Chemistry.

➤ 性质(Properties):

Form	Powder
Color	White to beige
Solubility	DMSO, water

➤ 安全信息(Safety Information):

Hazard Pictogram Codes	-
Signal Word	-
Hazard Statements	-
Precautionary Statements	-
Personal Protective Equipment	-
Hazard Codes (Europe)	-
Risk Codes (Europe)	-

Safety Codes (Europe)	-
RIDADR	-
WGK Germany	-
RTECS	-
Flash Point (F)	-
Flash Point (C)	-

包装清单：

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—	说明书	1份

保存条件：

-20°C保存，一年有效。

注意事项：

- 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
ST3401	Azide AF488 (AF488叠氮化物)	1mg/5mg
ST3402	Azide AF555 (AF555叠氮化物)	1mg/5mg
ST3403	Azide AF594 (AF594叠氮化物)	1mg/5mg
ST3405	Azide AF647 (AF647叠氮化物)	1mg/5mg
ST3408	Biotin Azide (生物素叠氮化物)	25mg/100mg/500mg

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