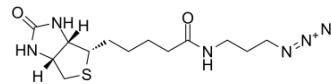


Biotin-azide

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-129832 | | |
| CAS No.: | 908007-17-0 | | |
| Molecular Formula: | C ₁₃ H ₂₂ N ₆ O ₂ S | | |
| Molecular Weight: | 326.42 | | |
| Target: | Others | | |
| Pathway: | Others | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



BIOLOGICAL ACTIVITY

Description

Biotin-azide (N-(3-Azidopropyl)biotinamide) is a form of biotin with a terminal azide group. Biotin-azide can be used to prepare various biotinylated conjugates via Click Chemistry^{[1][2]}.

REFERENCES

[1]. Bruckman MA, et al. Tobacco mosaic virus-based protein nanoparticles and nanorods for chemotherapy delivery targeting breast cancer. *J Control Release*. 2016;231:103-113.

[2]. Kim HY, et al. An azido-biotin reagent for use in the isolation of protein adducts of lipid-derived electrophiles by streptavidin catch and photorelease. *Mol Cell Proteomics*. 2009;8(9):2080-2089.

Caution: Product has not been fully validated for medical applications. For research use only.

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