

## 5-(Biotinamido)pentylazide Biochemical

5-(Biotinamido)pentylazide

CATALOG #  
**AAA227603**

### PRODUCT SYNONYMS

5-(Biotinamido)pentylazide; BNP-45; mouse; 5-(Biotinamido)pentylazide biochemical

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                                                                                                                                                                                       |
| CAS                     | 1349190-76-6                                                                                                                                                                                                                                              |
| Solubility              | <1mg/ml refers to the product slightly soluble or insoluble                                                                                                                                                                                               |
| In vitro                | PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1]. |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years                                                                                                                                                                                  |

### IMAGES

SQGSTLRVQQRPNQSKVTHISS  
CFGHKIDRIGSVSRLGCNALKLL  
(Disulfide bridge:Cys<sub>23</sub>-Cys<sub>39</sub>)

#### Structure

Brain Natriuretic Peptide-45, mouse, CAS 1816939-52-2

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### ADDITIONAL INFORMATION

|                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for 5-(Biotinamido)pentylazide biochemical | 5-Biotinamidopentylazide is an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs.                                                                                                                                                                                                                                                                                                 |
| References                                                             | <ol style="list-style-type: none"> <li>1. Kita T, et al. Effects of brain natriuretic peptide-45, a circulating form of rat brain natriuretic peptide, in spontaneously hypertensive rats. Eur J Pharmacol. 1991 Sep 4;202(1):73-9.</li> <li>2. M E Steinhilber, et al. Structure, expression, and genomic mapping of the mouse natriuretic peptide type-B gene. Circ Res. 1993 May;72(5):984-92.</li> </ol> |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

