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## DATASHEET

AUNP-12 (NP-12)

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### Product overview

<b>Name</b>	AUNP-12 (NP-12)
<b>Cat No</b>	HB6728
<b>Biological action</b>	Antagonist
<b>Purity</b>	>95%
<b>Description</b>	PD-1 antagonist. Immune checkpoint modulator.

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### Biological Data

<b>Biological description</b>	PD-1 antagonist which shows equipotent PD-L1 and PD-L2 antagonism in rescue of lymphocyte proliferation and effector functions. Inhibits primary tumor growth and metastasis in melanoma, colon cancer and kidney cancer models. Exhibits immune activation and anti-tumor activity.
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### Solubility & Handling

<b>Storage instructions</b>	-20°C
<b>Solubility overview</b>	Soluble in water
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

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### Chemical Data

<b>Molecular Weight</b>	3261.55
<b>Molecular Formula</b>	$C_{142}H_{226}N_{40}O_{48}$
<b>CAS Number</b>	1353563-85-5

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### References

#### **A Rationally Designed Peptide Antagonist of the PD-1 Signaling Pathway as an Immunomodulatory Agent for Cancer Therapy.**

Sasikumar PG et al (2019) Molecular cancer therapeutics 18

**PubMedID** [31015307](#)

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