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# **DATASHEET**

AUNP-12 (NP-12)

### **Product overview**

Name AUNP-12 (NP-12)

Cat No HB6728
Biological action Antagonist
Purity >95%

**Description** PD-1 antagonist. Immune checkpoint modulator.

## **Biological Data**

**Biological description** 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.

## **Solubility & Handling**

Solubility overview Soluble in water

Storage instructions -20°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

**Shipping Conditions** 

**Important** 

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

#### **Chemical Data**

#### 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