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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.
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Solubility & Handling

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

Chemical Data

Molecular Weight	3261.55
Molecular Formula	C ₁₄₂ H ₂₂₆ N ₄₀ O ₄₈
CAS Number	1353563-85-5

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](#)