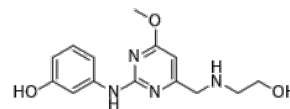


Product Name : VISTA inhibitor A4
Cat. No. : PC-24096
CAS No. : 2994662-45-0
Molecular Formula : C₁₄H₁₈N₄O₃
Molecular Weight : 290.32
Target : Immune Checkpoints
Solubility : 10 mM in DMSO



CAS: 2994662-45-0

Biological Activity

VISTA inhibitor A4 is a potent small molecule inhibitor of **VISTA** (V-domain Ig suppressor of T cell activation) with binding KD of 0.49 uM.

A4 (0.1-5 uM) blocks the VISTA signaling pathway in PBMCs, enhances IFN-γ release, also restores TNF-α release, enhances the killing ability of PBMCs against tumor cells.

A4 significantly activated peripheral blood mononuclear cells (PBMCs) induced the release of cytokines such as IFN-γ and enhanced the cytotoxicity of PBMCs against tumor cells.

A4 displayed potent antitumor activity and synergized with PD-L1 antibody to enhance the therapeutic effect against cancer.

References

Sun C, et al. *J Med Chem.* 2024 Mar 14;67(5):3590-3605.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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