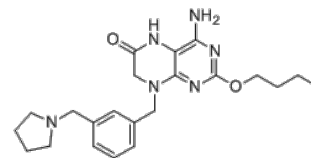


Product Name : GS-9620
Cat. No. : PC-49254
CAS No. : 1228585-88-3
Molecular Formula : C₂₂H₃₀N₆O₂
Molecular Weight : 410.522
Target : Toll-like Receptor (TLR)
Solubility : 10 mM in DMSO



Biological Activity

Vesatolimod (GS-9620) is a potent and selective orally active small molecule agonist of Toll-like receptor 7 (**TLR7**) with EC₅₀ of 291 nM.

GS-9620 displays a lower minimum effective concentration for IFN- α , chemokines CXCL10 (IP-10), CCL7 (MCP-3), and CCL4 (MIP-1 β), IL-1 Receptor Antagonist (IL-1RA), and IFN- γ in comparison to proinflammatory cytokines.

GS-9620 induces durable antiviral efficacy in woodchucks chronically infected with woodchuck hepatitis virus (WHV).

GS-9620 induces HIV in peripheral blood mononuclear cells (PBMCs) from HIV-infected individuals on suppressive antiretroviral therapy.

References

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Gane EJ, et al. *J Hepatol.* 2015 Aug;63(2):320-8.

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

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