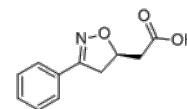


Product Name : Zenuzolac
Cat. No. : PC-38433
CAS No. : 6501-72-0 (racemate)
Molecular Formula : C₁₁H₁₁NO₃
Molecular Weight : 205.213
Target : Toll-like Receptor (TLR)
Solubility : 10 mM in DMSO



Biological Activity

Zenuzolac (GLS1027, VGX-1027) is a small molecule immunosuppressant and an orally available isoxazole compound, inhibits toll-like receptor 4 (**TLR4**) activity, has shown promise for the treatment of several neuroinflammatory disorders. VGX-1027 modulates genes involved in lipopolysaccharide-induced Toll-like receptor 4 activation and in a murine model of systemic lupus erythematosus.

VGX-1027 attenuates self-grooming and marble burying behaviors, and enhance social interactions in BTBR mice, VGX-1027 treatment resulted in a substantial decrease in IL-1 β , IL-6, TNF- α , IFN- γ , and NF- κ B p65 production, but increased IL-10 production in CD4⁺ T cells.

References

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

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