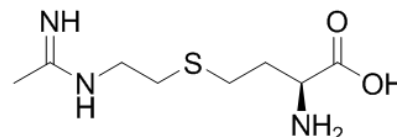


Product Name : GW274150
Cat. No. : PC-42897
CAS No. : 210354-22-6
Molecular Formula : C₈H₁₇N₃O₂S
Molecular Weight : 219.3045
Target : Nitric Oxide Synthase (NOS)
Solubility : H₂O: ≥ 62 mg/mL



Biological Activity

GW274150 is a potent and highly selective inhibitor of **iNOS** with IC₅₀ of 1.4 μM, displays >200 fold selectivity over eNOS and nNOS (IC₅₀>100 μM).

GW274150 attenuates the degree of chronic inflammation and tissue damage associated with collagen-induced arthritis in mice.

GW274150 significantly reduces serum urea, serum creatinine, AST, and NAG, reduces experimental renal ischemia/reperfusion injury.

References

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McDonald MC, et al. *J Physiol Pharmacol*. 2002 Dec;53(4 Pt 1):555-69.

Chatterjee PK, et al. *Kidney Int*. 2003 Mar;63(3):853-65.

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

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