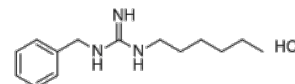


Product Name : NS-3-008
Cat. No. : PC-61825
CAS No. : 1172854-54-4
Molecular Formula : C₁₄H₂₄ClN₃
Molecular Weight : 269.817
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

NS-3-008 is a novel small-molecule transcriptional inhibitor of **G0s2 (G0/G1 switch 2)** with IC₅₀ of 2.25 uM. NS-3-008 decreases levels of G0s2 and Ccl2 mRNA in the kidneys (5 mg/kg, p.o.). NS-3-008 decreases the phosphorylation of Stat5 and p65 protein and suppresses renal inflammation in 5/6Nx mice, ameliorates renal dysfunction in mouse model of chronic kidney disease (CKD).

References

Matsunaga N, et al. *EBioMedicine*. 2016 Nov;13:262-273.

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

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