

Product Name	: NS-3-008 HCl
Synonyms	: —
Cat No.	: M21935
CAS Number	: 1172854-54-4
Molecular Formula	: C ₁₄ H ₂₄ ClN ₃
Formula Weight	: 269.81
Chemical Name	: —
Description	NS-3-008 HCl is a transcriptional G0/G1 switch 2 (G0s2) inhibitor (IC ₅₀ of 2.25 μM). Administration of NS-3-008 inhibited the expression of G0s2 in healthy mice liver. In contrast, administration of NS-3-008 did not affect the MBP in wild-type sham and 5/6Nx mice. NS-3-008 as a novel G0s2 inhibitor and showed that administration of this inhibitor ameliorated renal dysfunction in wild-type 5/6Nx mice.
Pathway	: Others
Target	: Other Targets
Receptor	: G0s2
Solubility	: DMSO: 120 mg/ml (444.76 mM; Need ultrasonic); H ₂ O : 125 mg/mL (463.29 mM; Need ultrasonic)
SMILES	: Cl.CCCCCCNC(=N)NCc1ccccc1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Matsunaga N, et al. Inhibition of G0/G1 Switch 2 Ameliorates Renal Inflammation in Chronic Kidney Disease. EBioMedicine. 2016 Nov;13:262-273.