

Supplementary data

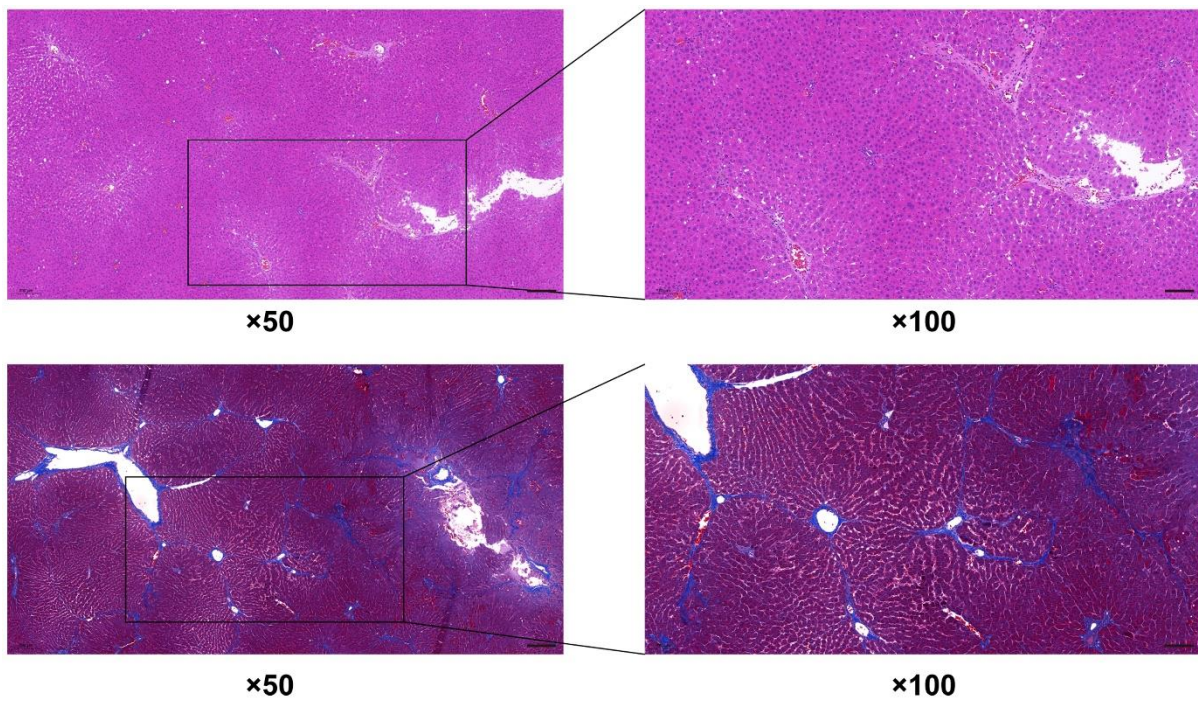
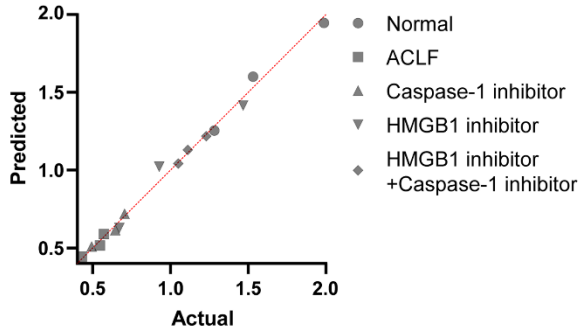


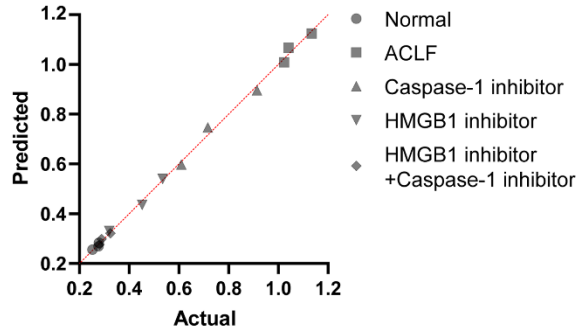
Figure S1 HE and MT staining of liver biopsy of the treatment groups (magnification, $\times 50$ and $\times 100$; scale bar=200 and 100 μm).

Abbreviations: HE staining, hematoxylin and eosin staining; MT staining, masson's trichrome staining.

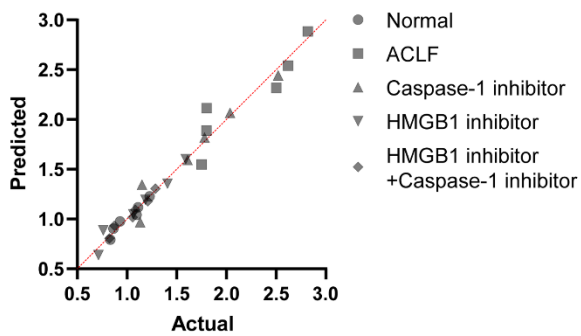
Normal QQ plot of relative protein expression (HMGB1 / Histone H3)



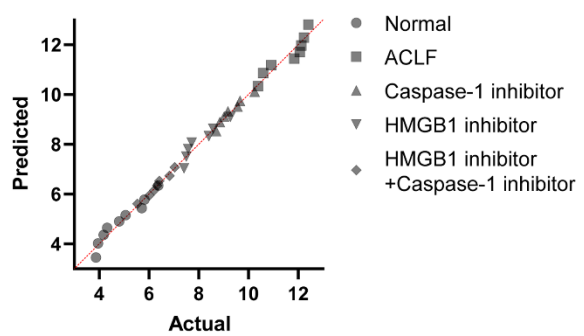
Normal QQ plot of relative protein expression (HMGB1 / GAPDH)



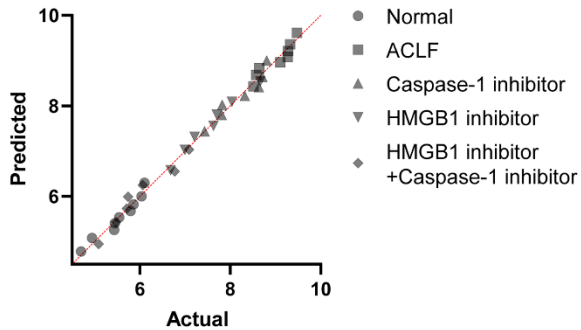
Normal QQ plot of relative mRNA expression (HMGB1 / β -actin)



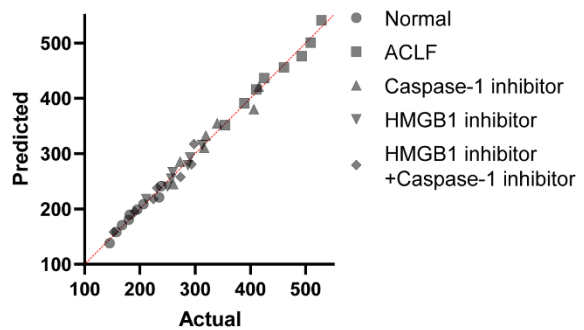
Normal QQ plot of HMGB-1 in serum



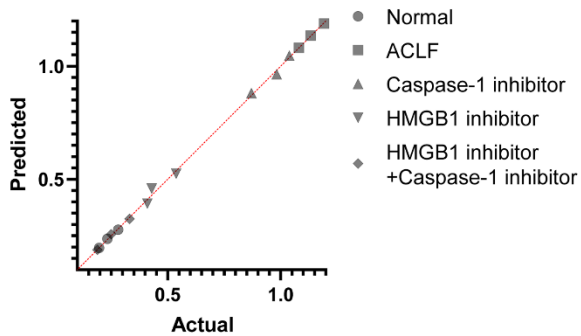
Normal QQ plot of TLR4 in serum



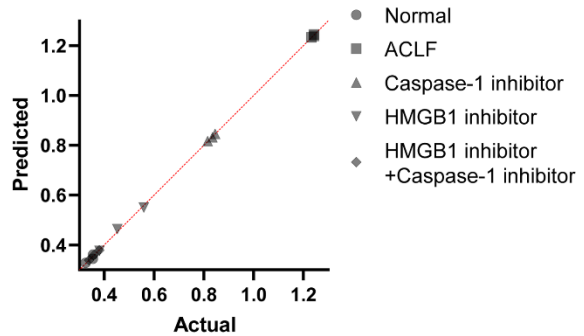
Normal QQ plot of RAGE in serum



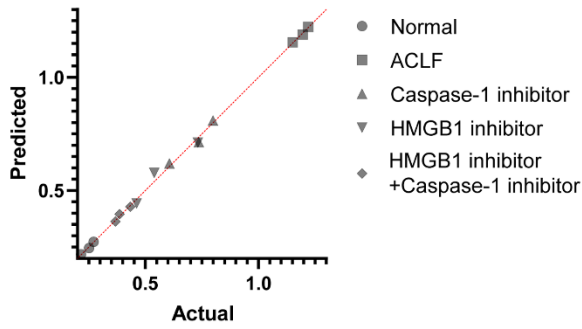
Normal QQ plot of relative protein expression (TLR4 / GAPDH)



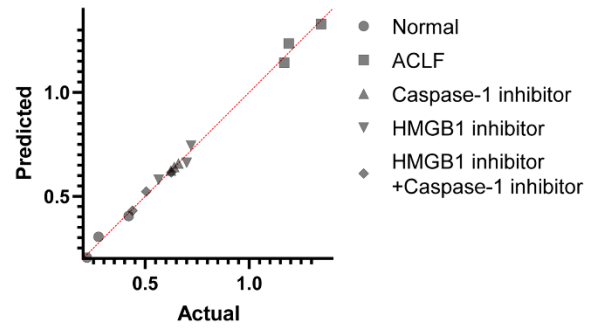
Normal QQ plot of relative protein expression (RAGE / GAPDH)



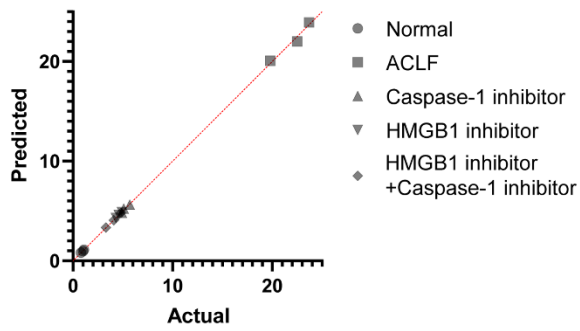
Normal QQ plot of relative protein expression (GSDMD / GAPDH)



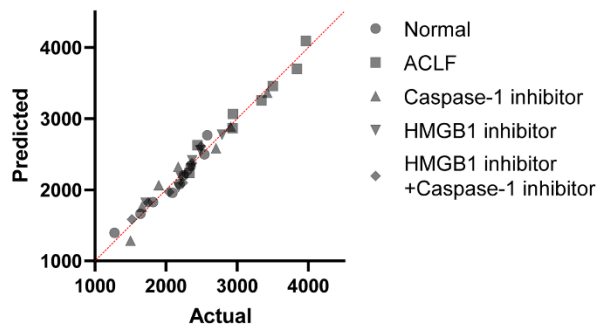
Normal QQ plot of relative protein expression (GSDMD-N / GAPDH)



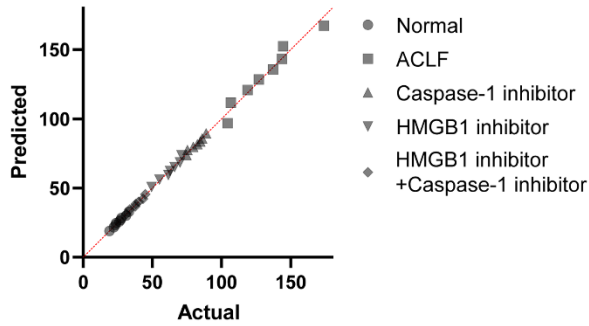
Normal QQ plot of percentage of the GSDMD-positive cells (%)



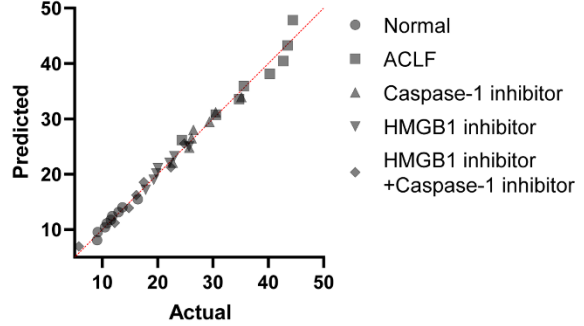
Normal QQ plot of serum LDH



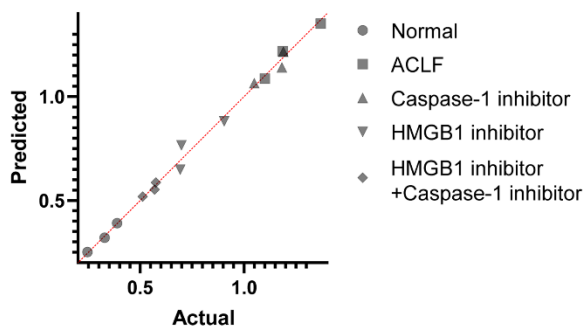
Normal QQ plot of IL-1 β in liver tissue



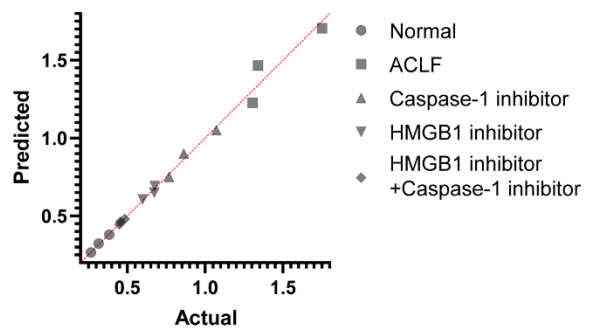
Normal QQ plot of IL-18 in liver tissue



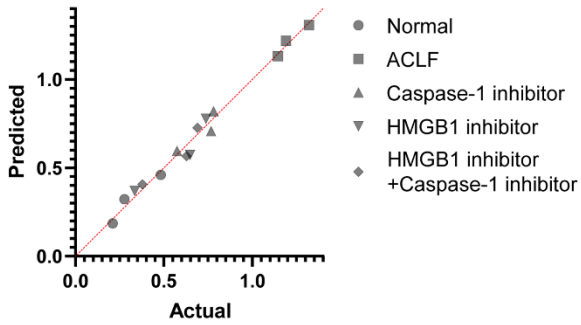
Normal QQ plot of relative protein expression (pro-IL-1 β / GAPDH)



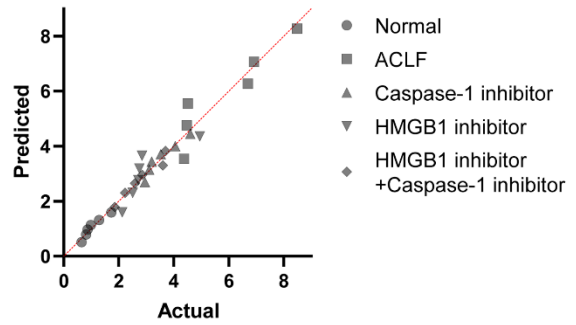
Normal QQ plot of relative protein expression (IL-1 β / GAPDH)



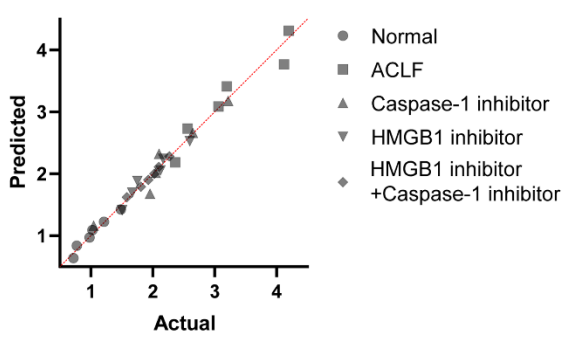
Normal QQ plot of relative protein expression (IL-18 / GAPDH)



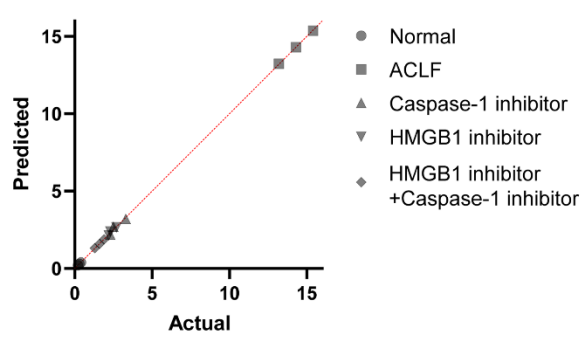
Normal QQ plot of relative mRNA expression (IL-1 β / β -actin)



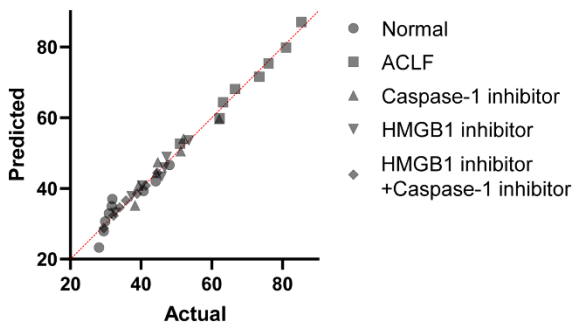
Normal QQ plot of relative mRNA expression (IL-18 / β -actin)



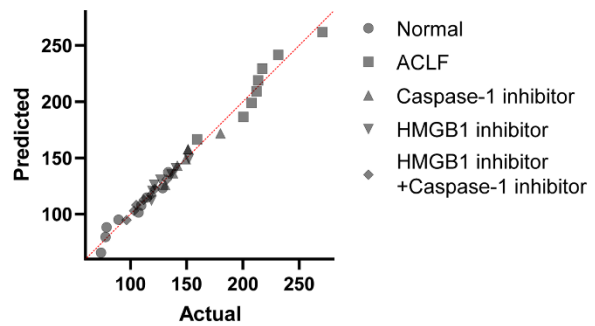
Normal QQ plot of percentage of pyroptotic hepatocytes (%)



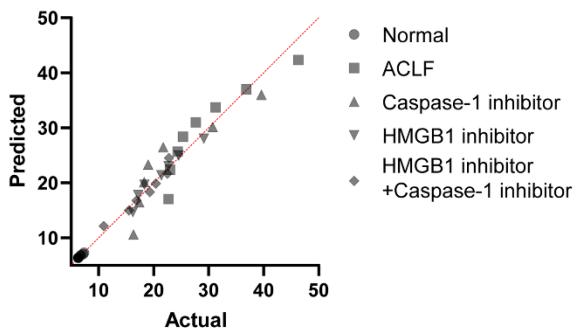
Normal QQ plot of serum ALT



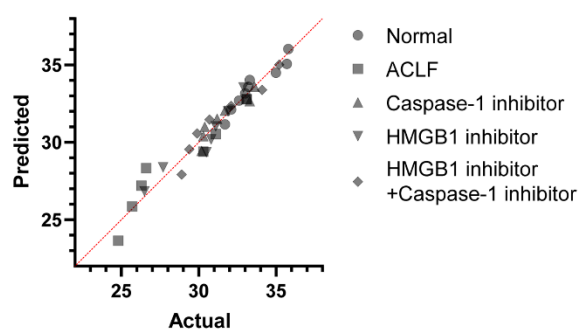
Normal QQ plot of serum AST

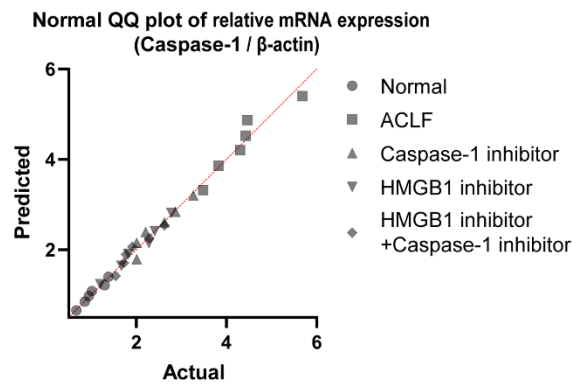
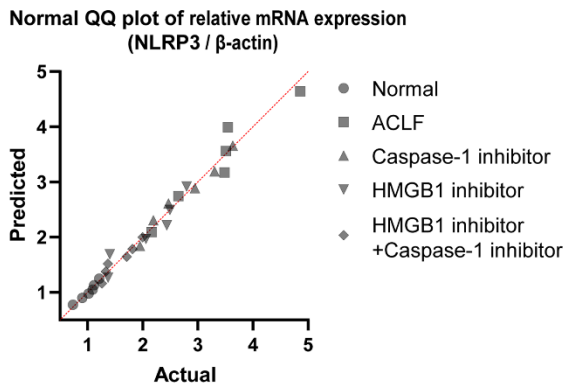
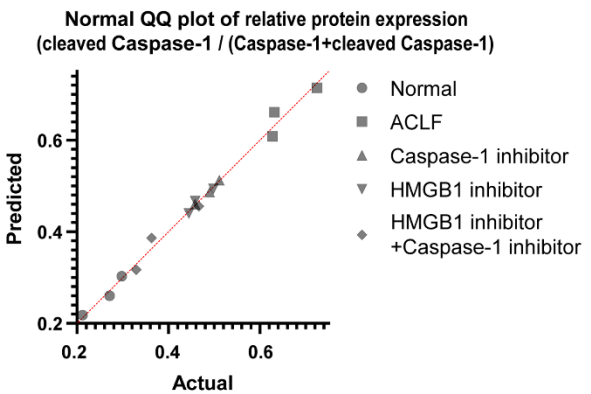
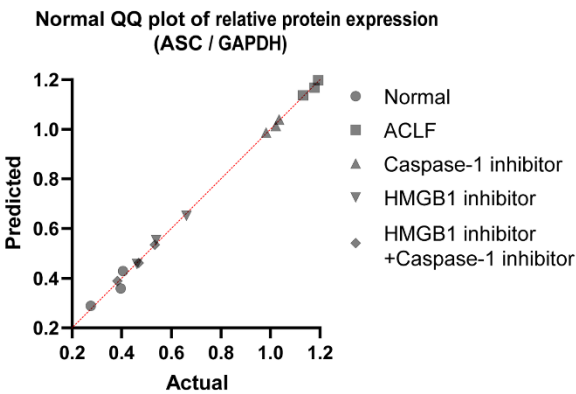
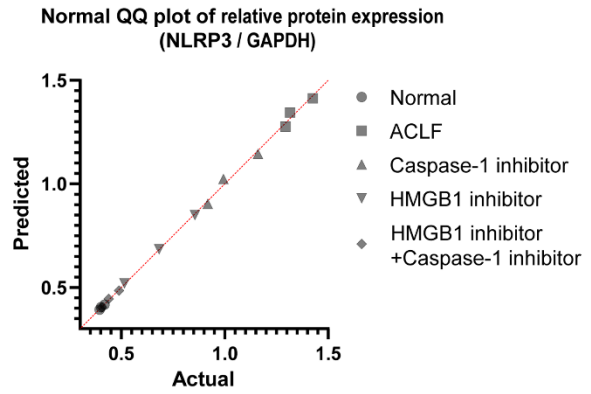
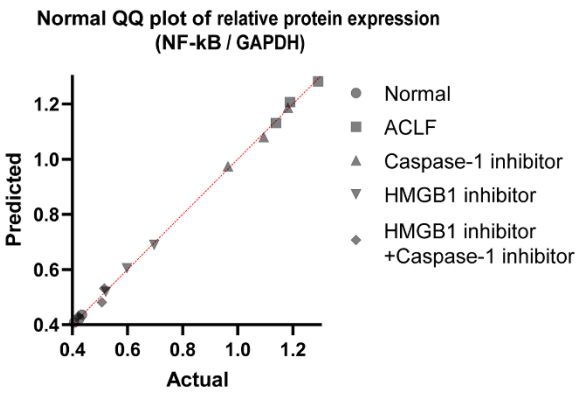
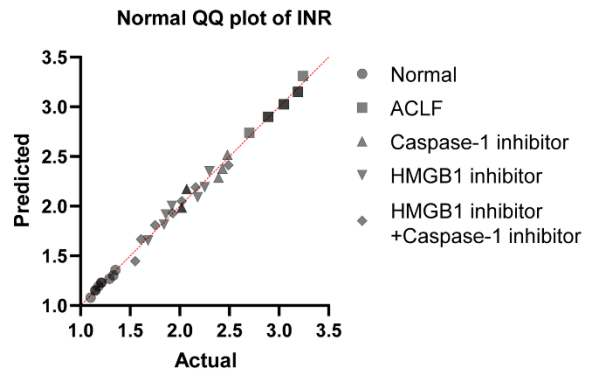
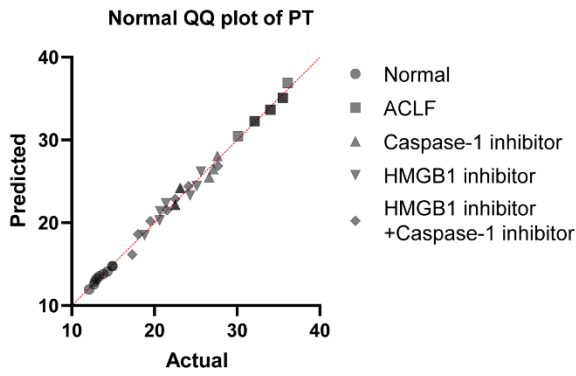


Normal QQ plot of serum TBIL



Normal QQ plot of serum ALB





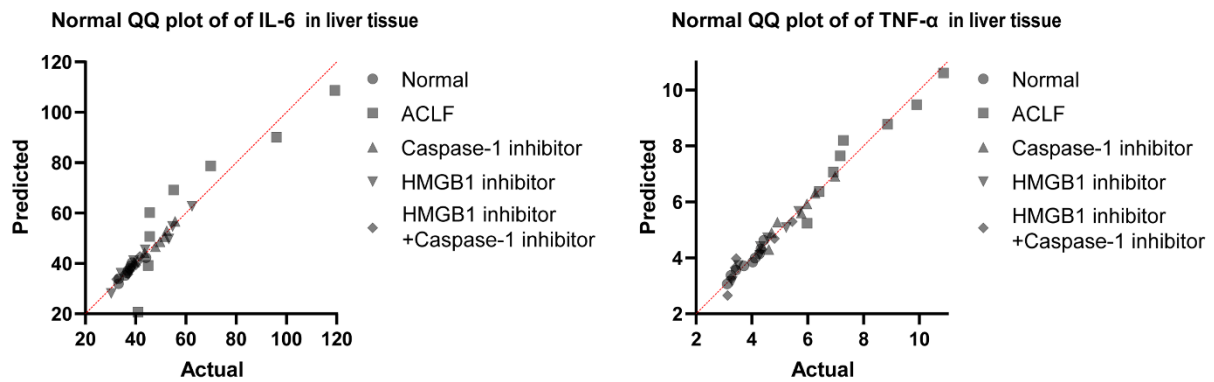


Figure S2 QQ plots were used to test the normality of experimental data.

Abbreviations: HMGB1, High mobility group box-1; ACLF, acute-on-chronic liver failure; TLR4, Toll-like receptor 4; RAGE, receptor for advanced glycation end-products; GSDMD, Gasdermin D; LDH, lactate dehydrogenase; IL-1 β , interleukin-1 β ; IL-18, interleukin-18; ALT, alanine aminotransferase; AST, aspartate aminotransferase; TBIL, total bilirubin; ALB, albumin; PT, prothrombin time; INR, international normalized ratio; ASC, the adaptor protein apoptosis-associated speck-like protein containing a caspase recruitment domain; IL-6, interleukin-6; TNF- α , tumor necrosis factor- α .