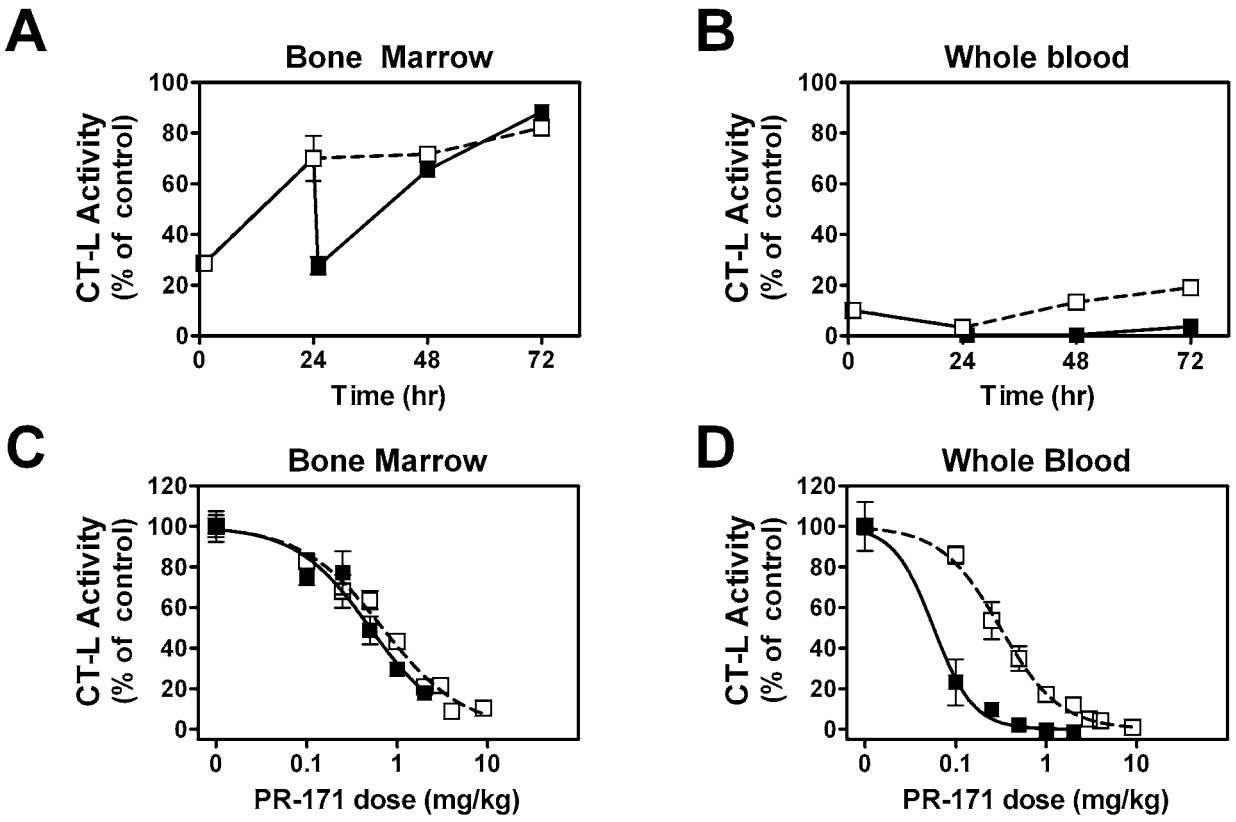
Demo et al., Supplemental Figure 2



Supplemental Figure 2 : Proteasome inhibition and recovery following repeat dose administration of PR -171 in rat. (A and B) Proteasome inhibition and recovery following single or QDx2 dosing of PR -171. Rats received i.v. PR -171 (2 mg/kg) at 0 hr and 24 hr and proteasome chymotrypsin -like [CT-L] activity was measured by Leu-Leu-Val-Tyr-AMC hydrolysis in lysates prepared from ery throcyte depleted bone marrow (A) and whole blood (B) collected at 1, 25, 48 and 72 hr after a single dose (□) or two consecutive daily doses (■). Data are presented as the mean activity relative to vehicle controls (± SEM; N= 3 per time point). **(C and D)** Proteasome inhibition following single or QDx5 dosing of PR -171. Proteasome chymotrypsin -like [CT-L] activity was measured by Leu-Leu-Val-Tyr-AMC hydrolysis in lysates prepared from ery throcyte depleted bone marrow (C) and whole blood (D) 1 hr after a single dose (□) or 5 consecutive daily doses (■) of PR-171 at doses ranging from 0.1 – 9 mg/kg. Data are presented as the mean activity relative to vehicle controls (± SEM; N=3 per dose group).