



Supplementary Figure 2. Effects of pamidronate on the kinetics of caspase 3 and cleaved caspase 3 at each time point in bilirubin-impaired SHED. Sequential expression of caspase 3 (CASP3) and the cleaved caspase 3 (Cleaved CASP3) by western blot analysis were shown in Figure 1e. Results were shown as the relative expression of caspase 3 (CASP3) to beta-actin (ACTB) (a), cleaved caspase 3 (Cleaved CASP3) to beta-actin (b), and cleaved caspase 3 to caspase 3 (c) at each time point among the three groups. B0, SHED treated with 0 μ M bilirubin; B50, SHED treated with 50 μ M bilirubin; B50+PAM, SHED treated with 50 μ M bilirubin and 10 μ M pamidronate. n = 5 for all groups. Statistical analysis was performed as described in the Methods. Graph bars showed the means \pm SEM. * P < 0.05, ** P < 0.01, and *** P < 0.005. NS: no significance.