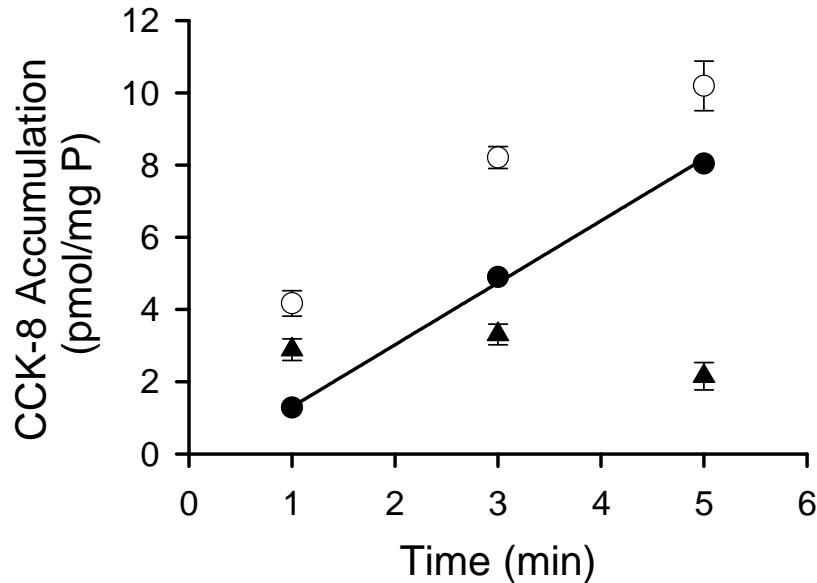


Supplemental data

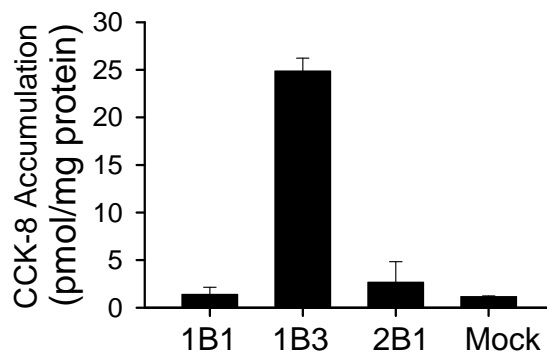
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Title: Novel Mechanism of Impaired Function of Organic Anion Transporting Polypeptide (OATP) 1B3 in Human Hepatocytes: Post-translational Regulation of OATP1B3 by Protein Kinase C Activation

Journal: Drug Metabolism and Disposition



S1. Time dependent [³H]CCK-8 accumulation (1 μ M) at 37°C and 4°C in HEK293-OATP1B3 stable cell line. OATP1B3-mediated active transport (closed circles) was determined by subtracting [³H]CCK-8 accumulation at 4°C (closed triangles) from the values at 37°C (open circles). Data represent mean \pm S.D. in triplicate from one experiment.



S2. CCK-8 is specifically transported by OATP1B3 but not by OATP1B1 or OATP2B1. [³H]CCK-8 uptake (1 μ M, 3 min) was determined in HEK293 cells transiently transfected with pcDNA3.1-OATP1B1, -1B3, -2B1 as well as pcDNA3.1 (Mock) by Lipofectamine 2000. Data represent mean \pm S.D. in triplicate from one experiment.