

Supplementary material to

Elucidating CYP2D6-driven metabolism and hepatotoxic bioactivation of metoprolol in plateable human and animal hepatocytes

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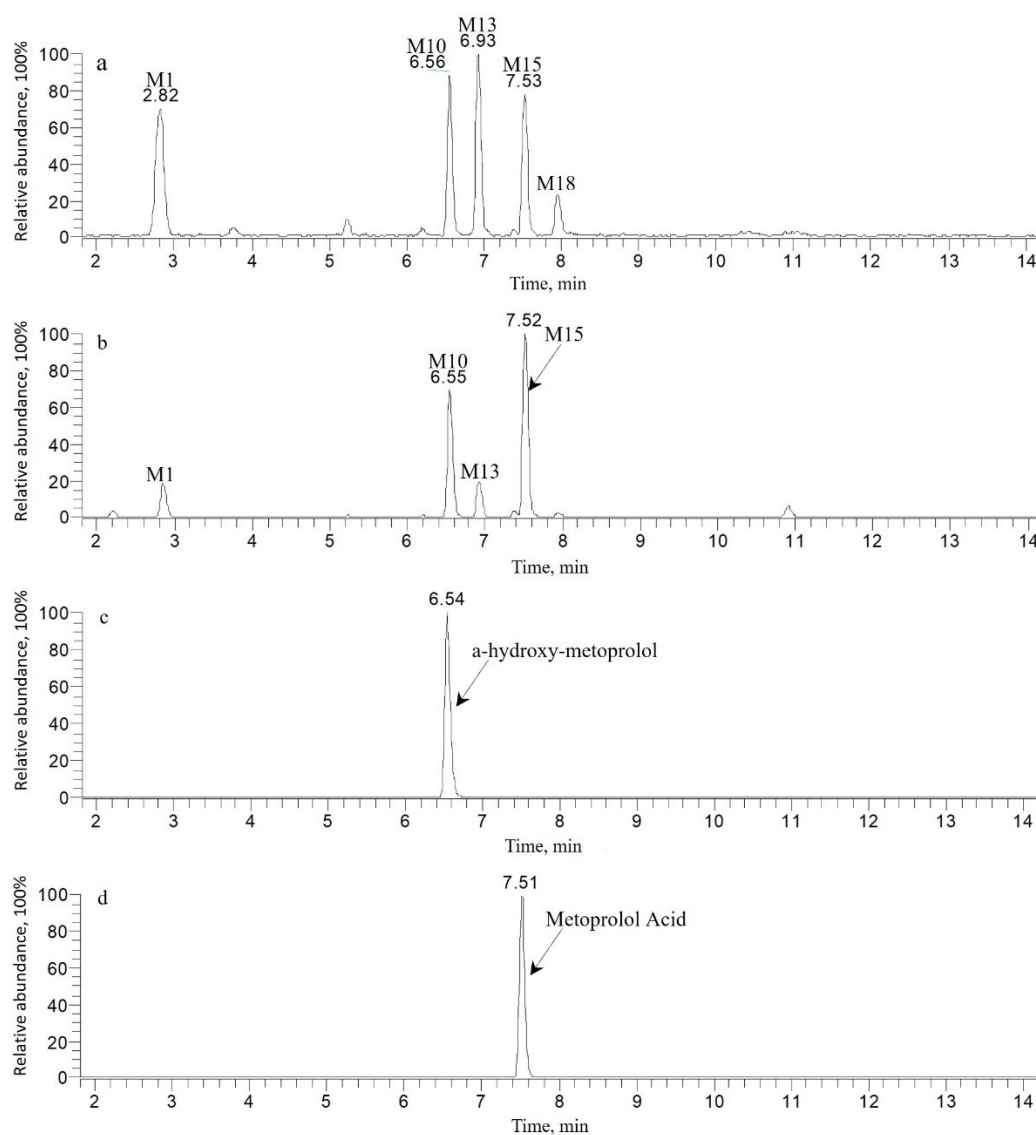


Figure S1. Selected ion chromatograms of metoprolol and its metabolites in recombinant enzymes (a) and rat hepatocytes (b), a-hydroxy-metoprolol (c), and metoprolol acid (d)

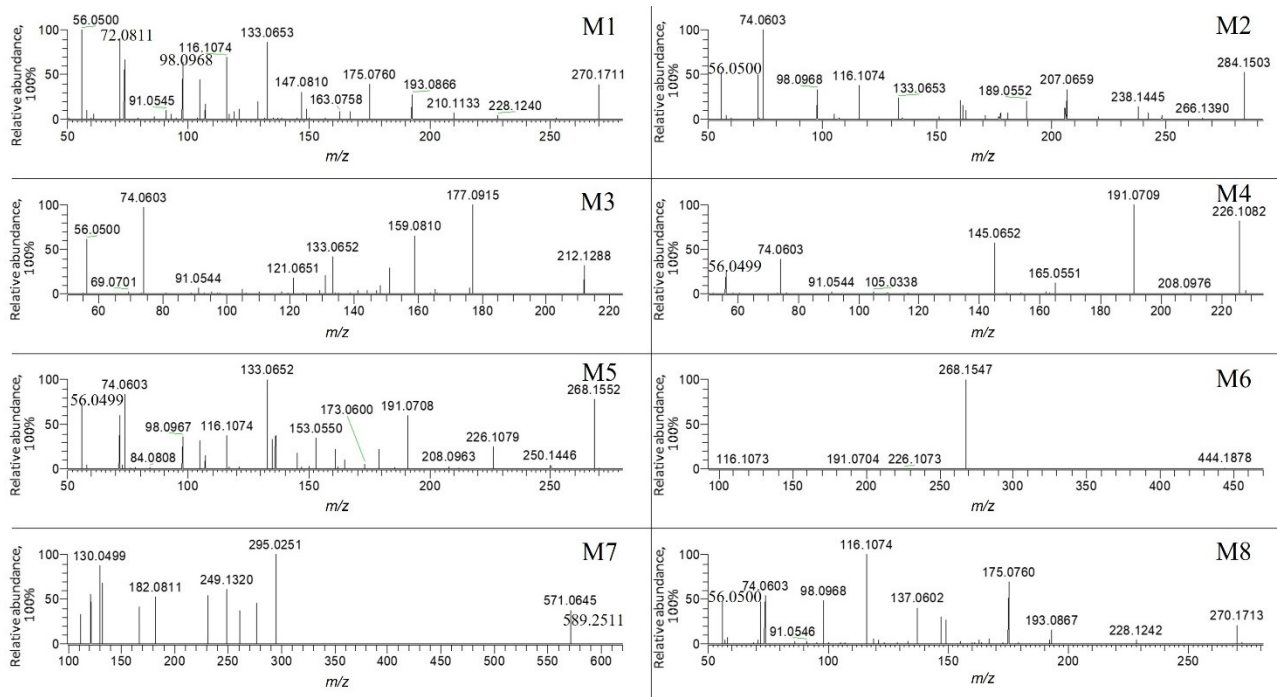


Figure S2. MS/MS spectra of metoprolol metabolites (M1 to M8)

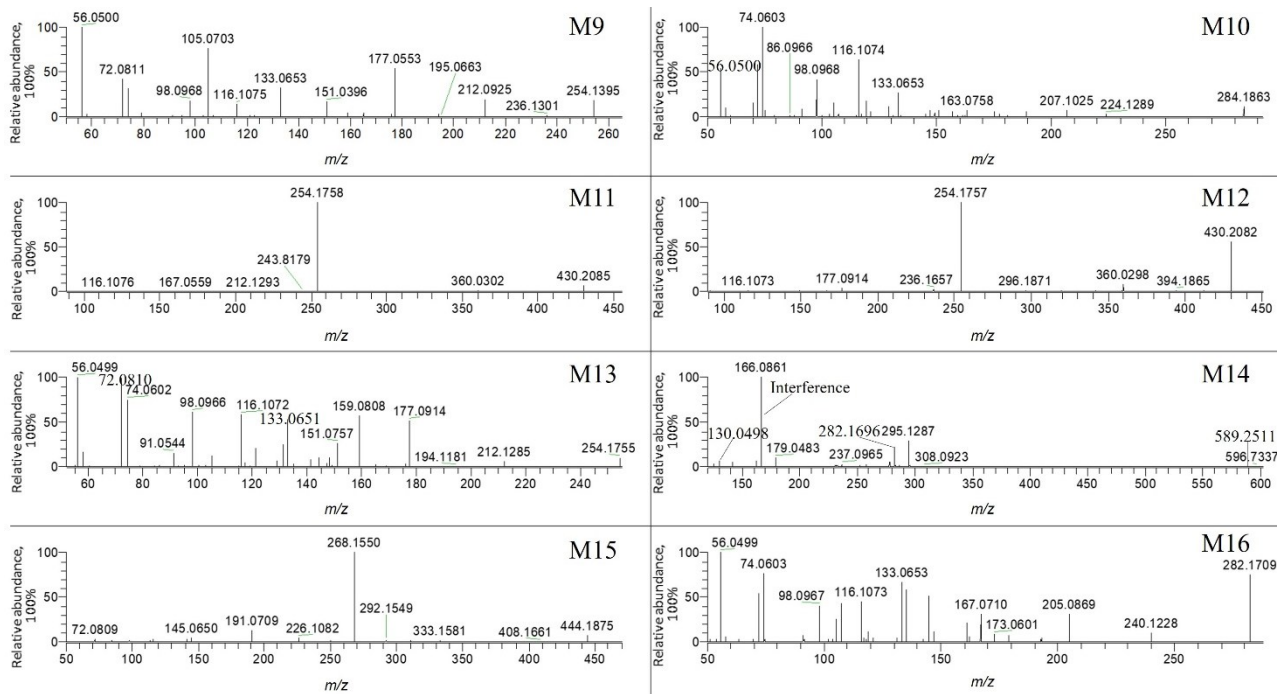


Figure S3. MS/MS spectra of metoprolol metabolites (M9 to M16)

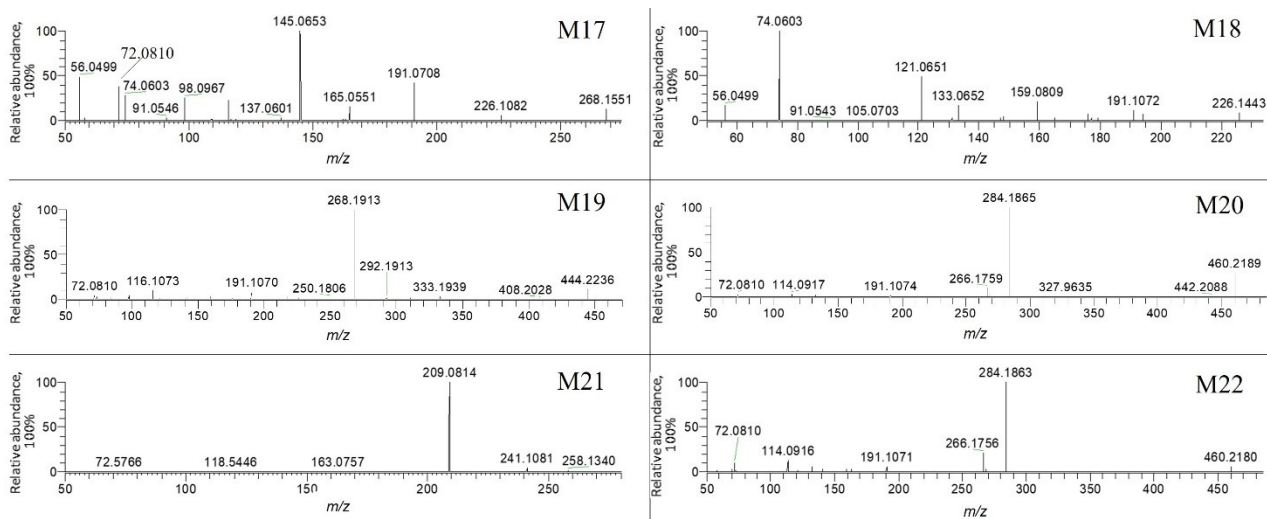


Figure S4. MS/MS spectra of metoprolol metabolites (M17 to M22)

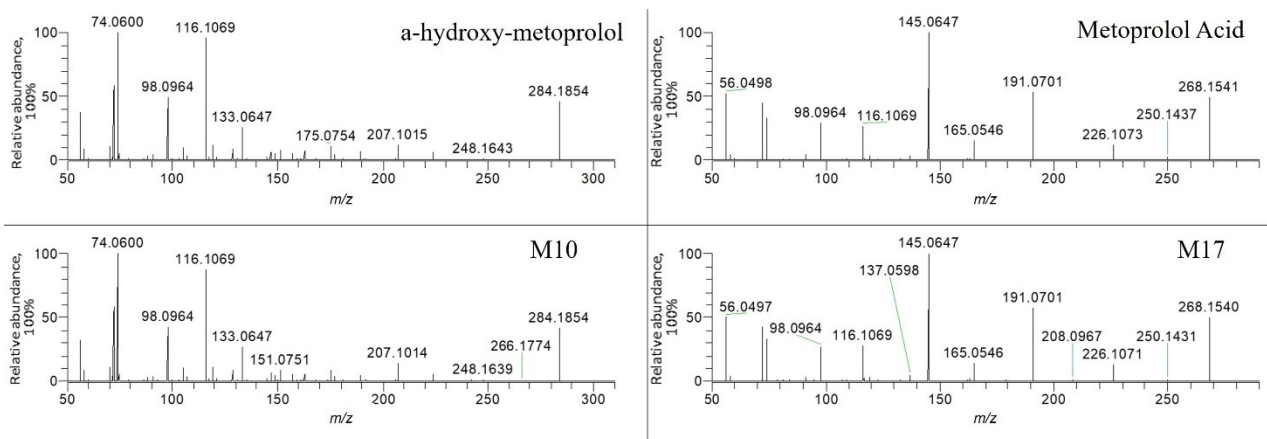


Figure S5. MS/MS spectra of a-hydroxy-metoprolol, metoprolol acid and metoprolol metabolites (M10 and M17)

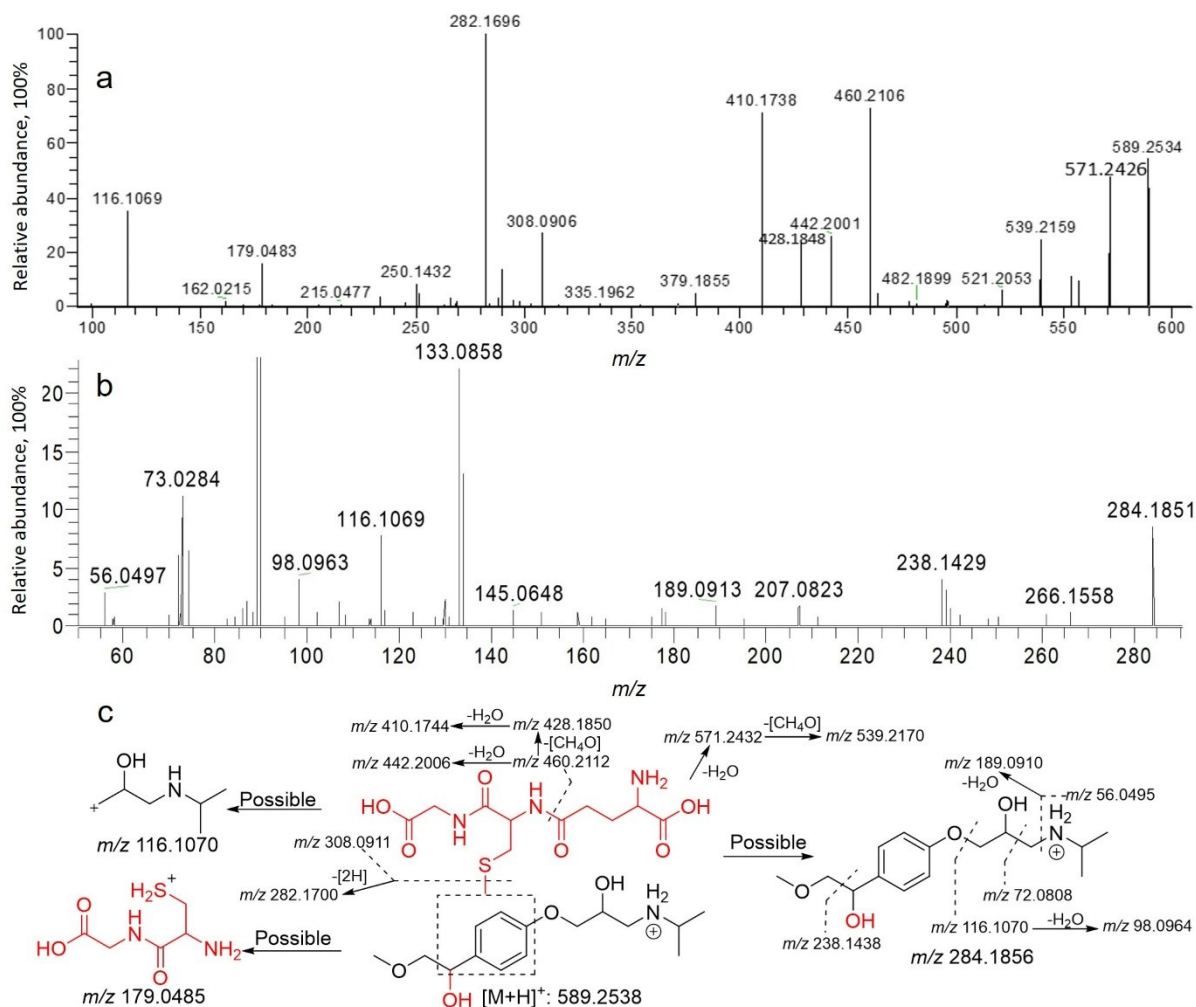


Figure S6. MS/MS spectra of M10 (a), In-source collisional m/z 284.1851 fragment of M10 (b) and structural analysis of M10 (c)