

**Biotransformation of 5-hydroxymethylfurfural into 2,5-dihydroxymethylfuran by *Ganoderma sessile* and toxicological assessment of both compounds**

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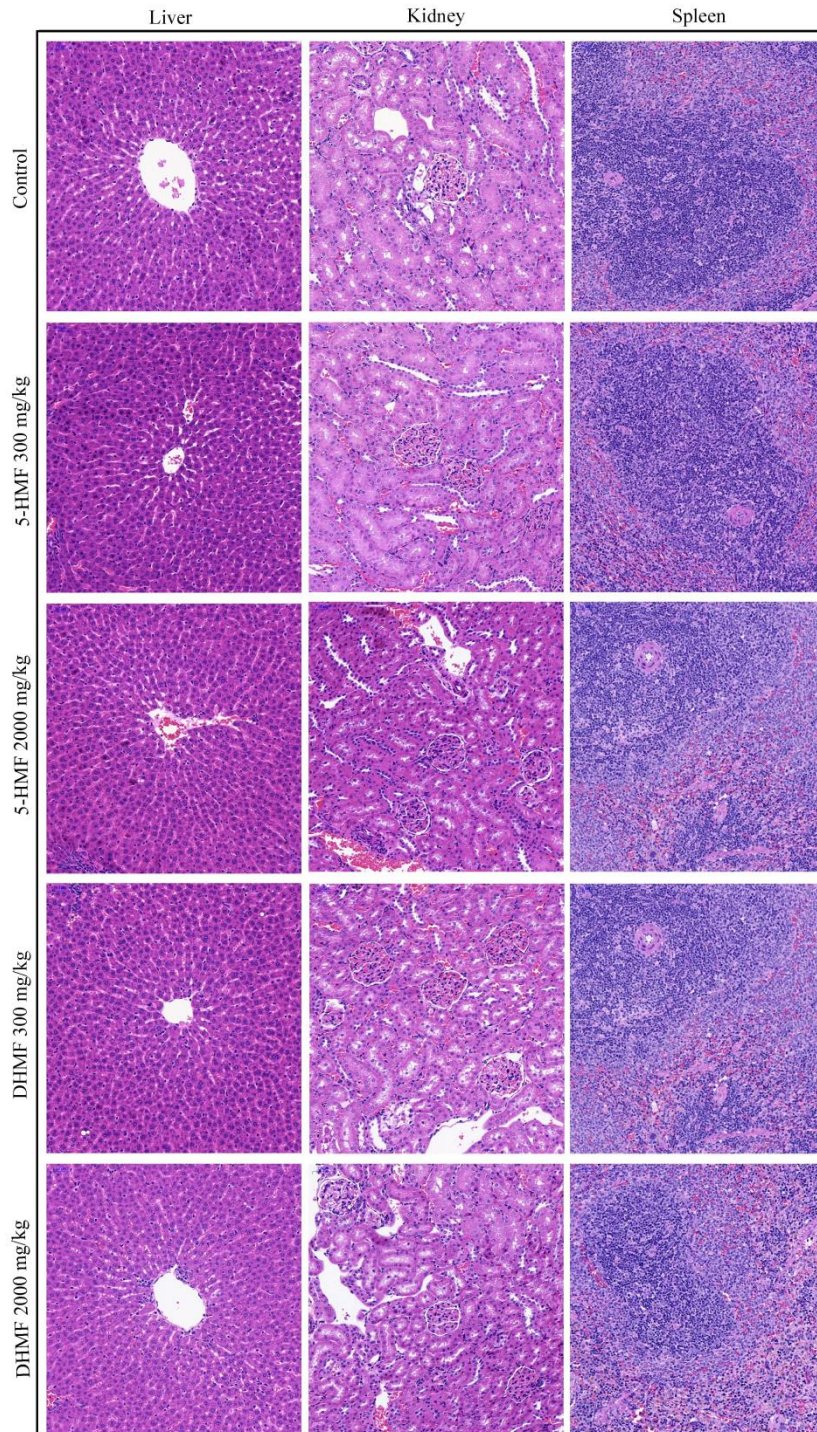
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**Figure S1 Histopathological analysis of the liver, kidney and spleen (haematoxylin/eosin, 200X) of the rats treated with single dose of 5-HMF or DHMF**

Liver sections of all groups showed normal hepatic cells with well-preserved cell structure. Kidney sections of all groups showed renal tissue with normal glomeruli. Spleen section of all groups showed normal splenic architecture with normal lymphoid follicles.