

**$\alpha$ -Glucosidase Inhibitors via Green Pathway: Biotransformation for  
Bicoumarins Catalyzed by *Momordica Charantia Peroxidase***

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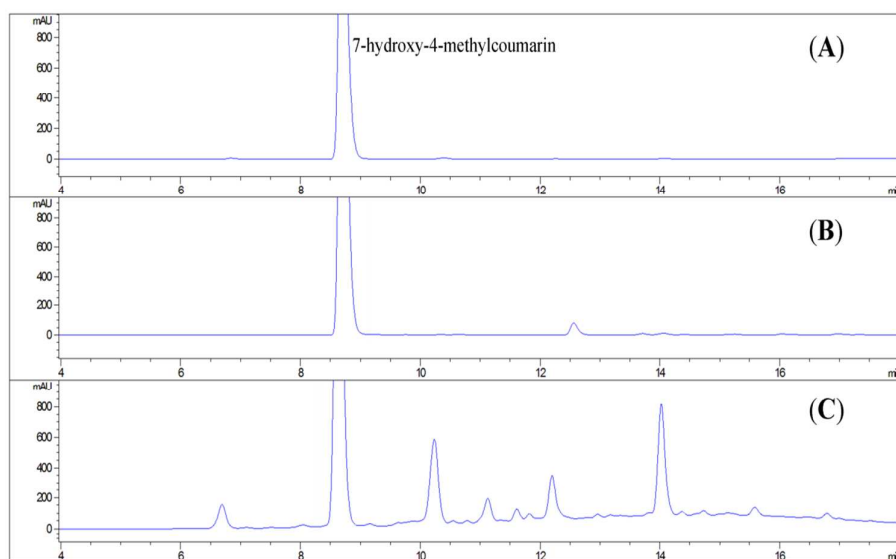
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## Supporting Information

HPLC analysis was achieved on an Agilent Zorbax SB-C18 column (4.6 mm × 250 mm, 5 µm) at 30 °C, eluting with a gradient (20 minutes) of increasing MeOH (40%–100%) in water. The effluent was monitored by the DAD detector at 330 nm and the flow rate was kept at 1.0 mL/min constantly.



**Figure S1.** HPLC chromatogram monitored at 330 nm of incubations of 7-hydroxy-4-methylcoumarin under different reaction conditions: (A) incubations of 7-hydroxy-4-methylcoumarin only with MCP; (B) incubations of 7-hydroxy-4-methylcoumarin only with H<sub>2</sub>O<sub>2</sub>; (C) incubations of 7-hydroxy-4-methylcoumarin with MCP and H<sub>2</sub>O<sub>2</sub>.