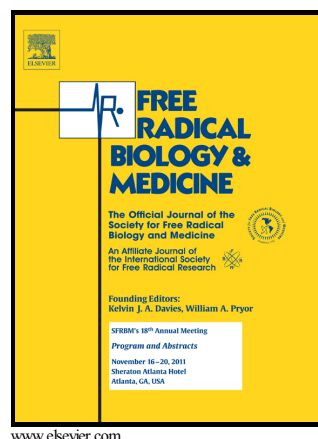


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Synthesis, Evaluation, and Metabolism of Novel [6]-Shogaol Derivatives as Potent Nrf2 Activators

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Abbreviations: ARE, antioxidant response element; br, broad; 6G, [6]-gingerol; GFP, green fluorescent protein; gstp 1, glutathione S-transferase pi 1; hpf, hours postfertilization; Keap1, Kelch-like ECH-associated protein 1; LC/MS, liquid chromatography-mass spectrometry; Nrf2, nuclear factor erythroid 2 p45-related factor 2; 6S, [6]-shogaol; SFN, sulforaphane; TLC, thin-layer chromatography.

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