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ACCEPTED MANUSCRIPT

The memory-enhancing effects of 7,8,4'-trihydroxyisoflavone, a major metabolite of daidzein, are associated with activation of the cholinergic system and BDNF signaling pathway in mice

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Highlights

- 7,8,4'-Trihydroxyisoflavone (THIF) improved cognitive and memory function in mice.
- 7,8,4'-THIF restored the hippocampal cholinergic dysfunction and oxidative damage.
- 7,8,4'-THIF enhanced BDNF signaling pathway in the hippocampus of mice.

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