



Natural occurring 2-(2-phenylethyl) chromones, structure elucidation and biological activities

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Abstract:

2-(2-Phenylethyl) chromone (PEC), an uncommon class of chromones, possesses a phenylethyl substituent at the C2 position. They have been isolated from a few plant species. They have promising biological activities such as neuro-protective, cytotoxic, acetylcholinesterase inhibitory, antibacterial and anti-inflammatory. This review focuses on the naturally occurring PEC derivatives, their sources, physical and spectral data, as well as biological activities.

Keywords:

2-(2-phenylethyl) chromones; physical data; spectral data; plant source; biological activities

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