Exploration of the fluorescent properties and the modulated activities against sirtuin fluorogenic assays of chromenone-derived natural products

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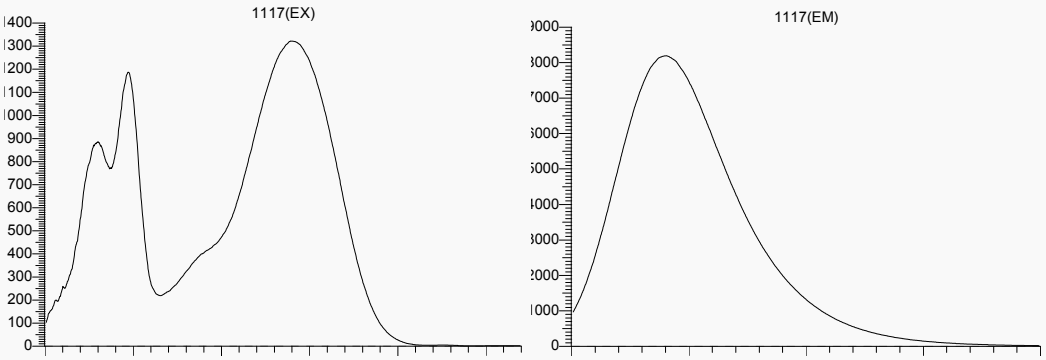
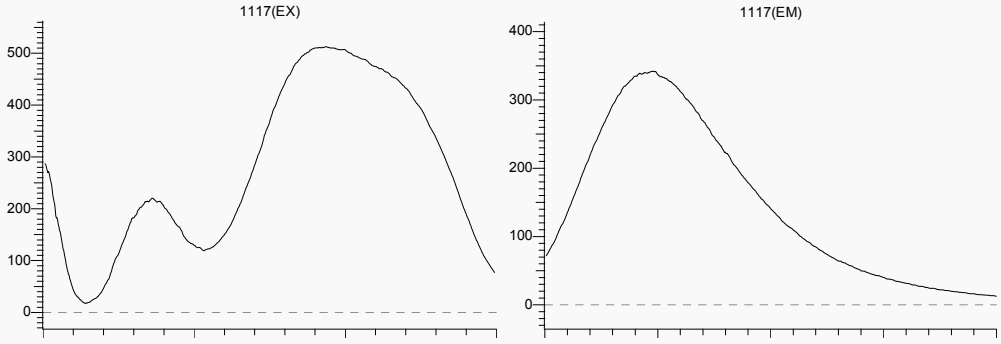
AMC

The excitation and emission fluorescence spectra of AMC: We set the Em = 450 nm to obtain the excitation fluorescence spectra (left), we set the Ex= 350 nm to obtain the emission fluorescence spectra (right).



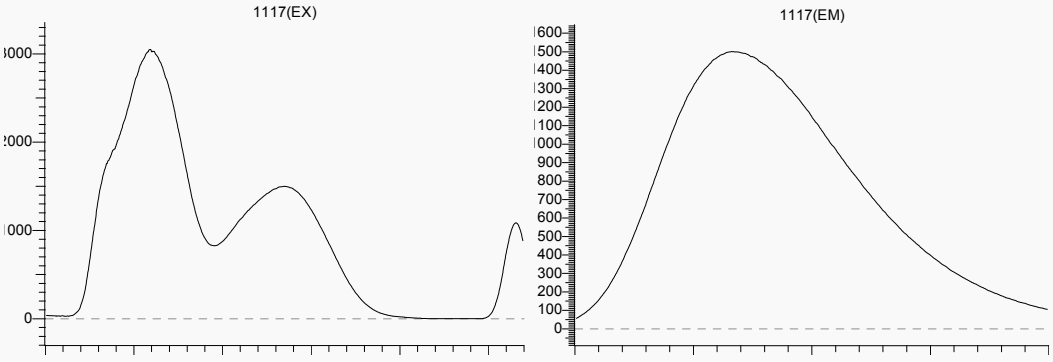
Resveratrol

The excitation and emission fluorescence spectra of Resveratrol: We set the Em =400 nm to obtain the excitation fluorescence spectra (left), we set the Ex=304 nm to obtain the emission fluorescence spectra (right).



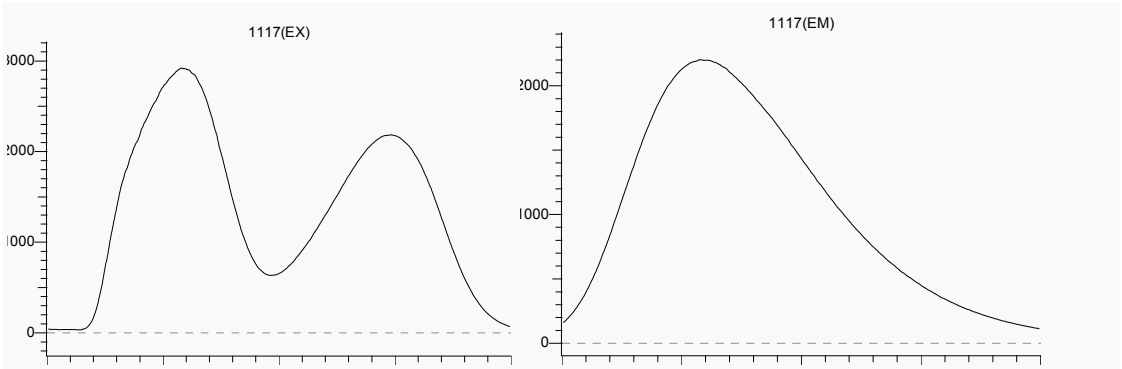
Daidzein

The excitation and emission fluorescence spectra of Daidzein: We set the Em = 490 nm to obtain the excitation fluorescence spectra (left), we set the Ex= 340 nm to obtain the emission fluorescence spectra (right).



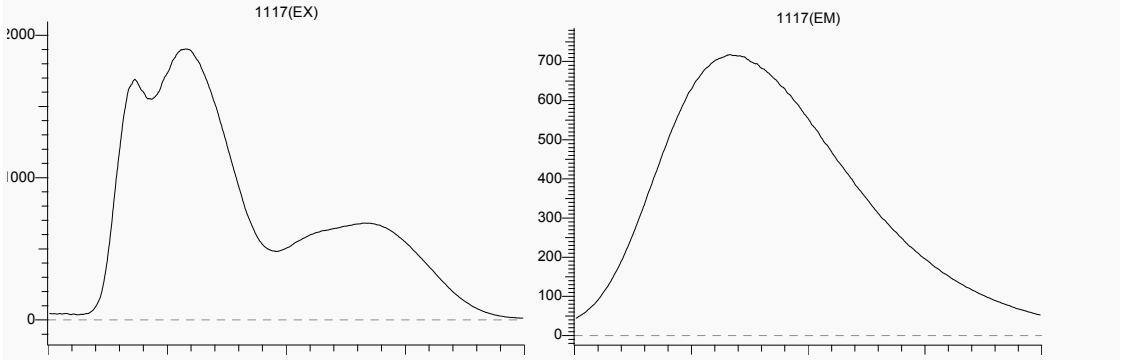
Glycitein

The excitation and emission fluorescence spectra of Glycitein: We set the Em =490 nm to obtain the excitation fluorescence spectra (left), we set the Ex= 340 nm to obtain the emission fluorescence spectra (right).



Formononetin

The excitation and emission fluorescence spectra of Formononetin: We set the Em =488 nm to obtain the excitation fluorescence spectra (left), we set the Ex= 338 nm to obtain the emission fluorescence spectra (right).



Calycosin

The excitation and emission fluorescence spectra of Calycosin: We set the Em =478 nm to obtain the excitation fluorescence spectra (left), we set the Ex= 348 nm to obtain the emission fluorescence spectra (right).