

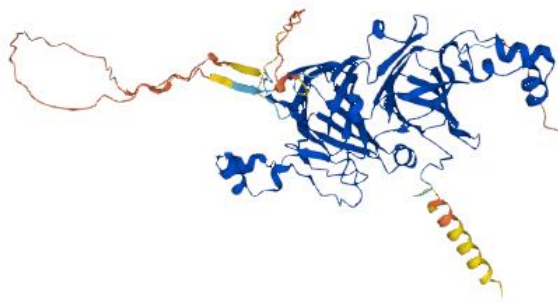
Investigating non-covalent binding of sinapic acid to cruciferin by fluorescence spectroscopy and PARAFAC analysis

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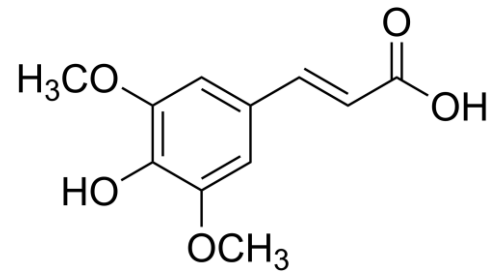
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A quick introduction



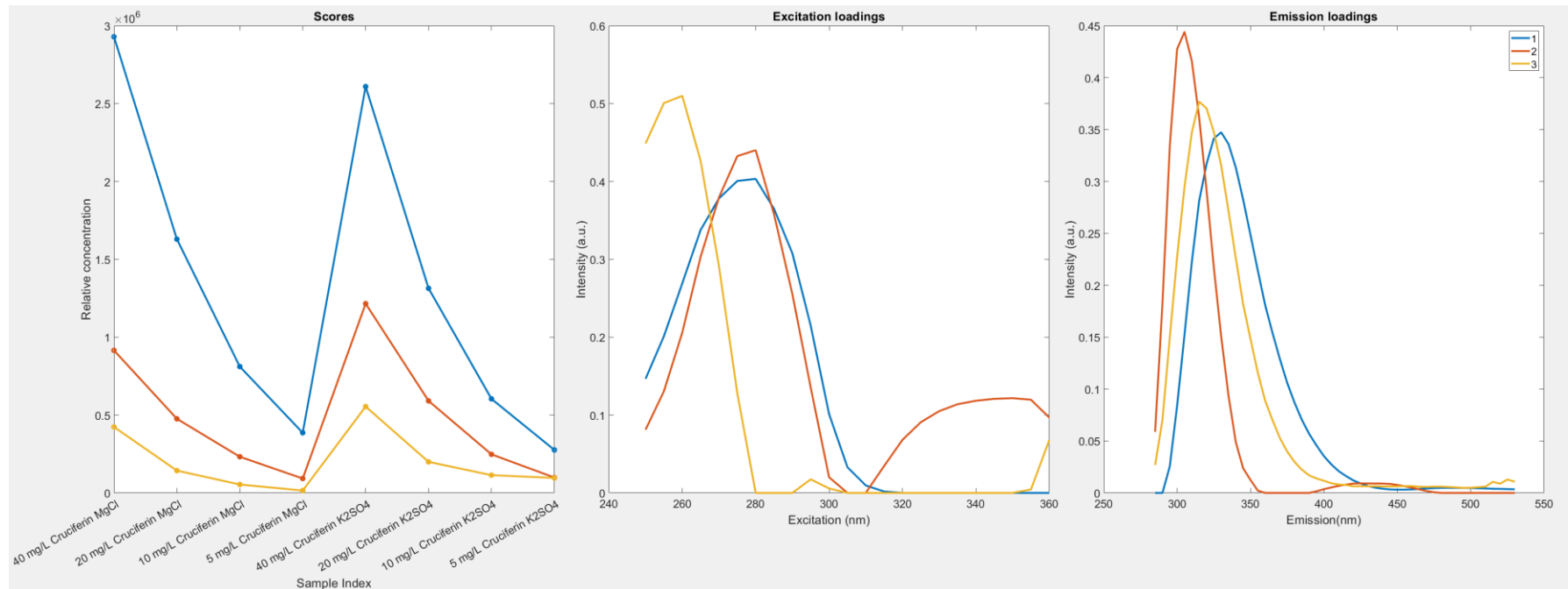
Cruciferin



Sinapic acid

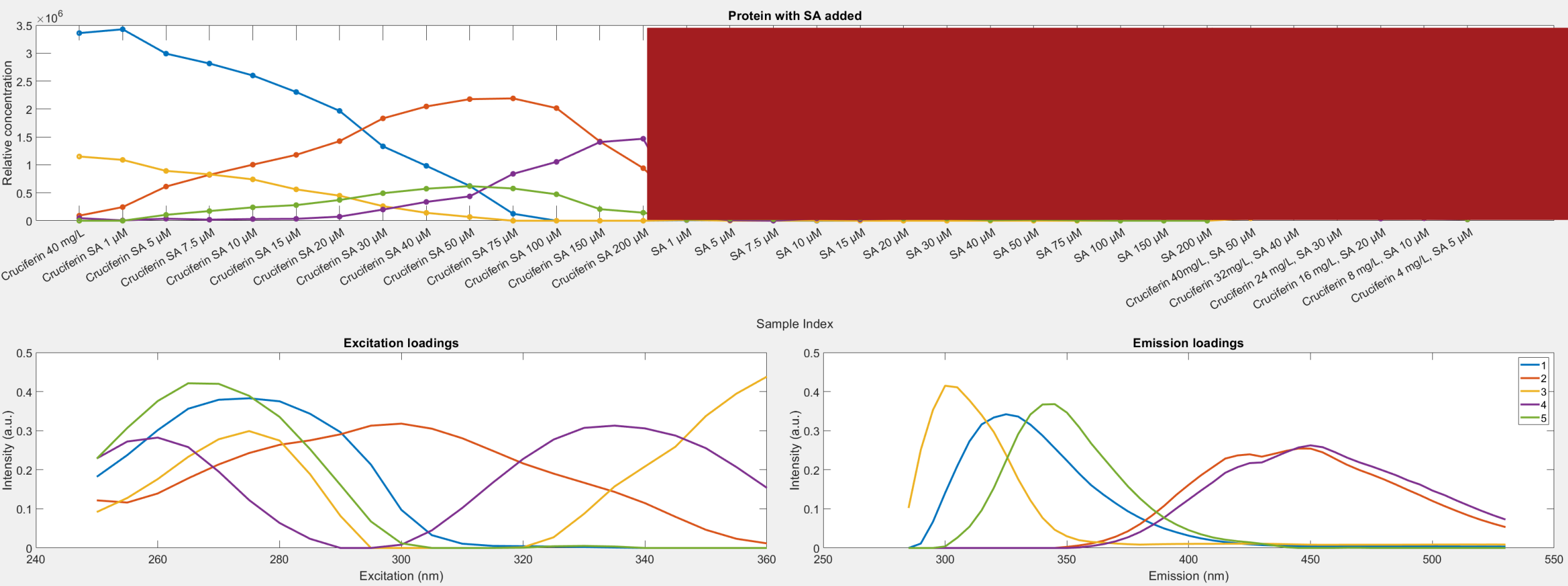


Method



- Pure Cruciferin in K2SO4 or MgCl to get signal from tyrosine.
- Classic quenching experiment:
 - Cruciferin 40 mg/L (fixed)
 - Sinapic acid 0 – 200 μ M
 - In 100 mM K2SO4 buffer at pH 4

Results



Thank you