

## Matched Series Analysis

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The objective in this worked example is to identify new derivatives that are likely to improve activity at their target, given the SAR already generated on a project. This example uses a publically available set of Human Chymotrypsin  $K_i$  data and searches the ChEMBL pIC50 knowledge base (generated by NextMove Software) to find matched series that indicate new substitutions with a high likelihood of improving the binding at Chymotrypsin.

To try this example yourself, please visit the [Tutorials](#) section of the Community. If you don't have access to StarDrop or the optional modules and would like to arrange a free trial license, please email us at

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*To hear the narration, please increase your speaker volume.*