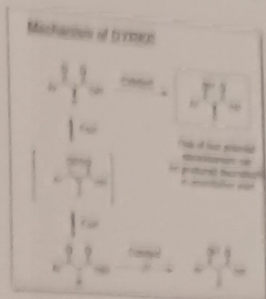


Toward Teselexel



Conclusions and Future Directions

Conclusions:

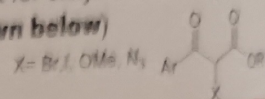
The expression and purification of CaADH has been optimized.

The enzyme has been successful in reduction of the clofen precursor.

Future Directions:

Test scalability by performing experiments on gram scale.

Create a focused array of unique functionalized β -keto esters by attaching various substituents at the α position and test for enzymatic activity with DYRK2 systems. (shown below)



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