1. Exp1: 15000 uM NAD + 600 uM K122 (9 reactions)
   1. ~~5% DMSO~~ (not to be done at this time)
   2. 12000 uM NAM
   3. 12000 uM NAM + 200 uM Honokiol
2. Exp2: 15000 uM NAD + 600 uM K122 (6 reactions)
   1. 15000 uM NAM
   2. 15000 uM NAM + 200 uM Honokiol

I will do above two experiments; expected final completion date is 29th. XG will do the fitting. After this RC will review the data and suggest if proceed further.

1. Exp3: 3000 uM NAD + 600 uM K122 (6 reactions)
   1. 5% DMSO
   2. 0 uM NAM + 200 uM Honokiol
2. Exp4: 15000 uM NAD + 600 uM K122 (3 reactions)
   1. 0 uM NAM + 200 uM Honokiol

**Optional: (no enzyme is left)**

1. Exp5: 15000 uM NAD + 600 uM K122 (3 reactions)
   1. 2000 uM NAM

* Experiments 1 - 4 (3 time-points 30, 80, 120 min).
* Total reaction = 24
* Experiments can be done only once
* After these experiments, no Sirt3 (in-house) is left
* Extra time included to extensively wash the column after each run
  + After each run, a blank (buffer) will be run to ensure that column is clean