Response to Reviewer 1 Comments

Dear Reviewer,

Thank you for your comments concerning our manuscript entitled “The Synthesis of 2-Substituted Benzo[b]furans/furo-pyridines Catalyzed by NiCl$_2$”. We have studied their comments carefully and have made correction which we hope meet with their approval. Point by point responses to the comments are listed below.

Reviewer 1:

**Point 1:** line 2, "The" can be removed from title.

**Response 1:** "The" has been removed from title

**Point 2:** line 8, The current abstract is more like an introduction. It should talk about the current work not background.

**Response 2:** The sentence about the background has been deleted in abstract.

**Point 3:** line 14, maybe better to write "... reasonable to good yield."

**Response 3:** The sentence has been corrected according to the comment.

**Point 4:** line 18, introduction needs a major re-write. as an example, I have re-write some of the phrase as a suggestion. line 18 can be re-write as: "2-substituted benzo[b]furanes/furo-pyridines are important building blocks in biologically active compounds such as anti-inflammation and anti-fungal agents [Ref]."

**Response 4:** The sentence has been re-write according to the suggestion.

**Point 5:** line 19, "Recently, York, Panli, and co-workers showed the coupling of unsaturated hydrocarbons with heteroaryl and aryl compounds using Ni and pd catalysis [Ref]."

**Response 5:** The sentence has been corrected according to the comment.

**Point 6:** Some anti-inflammation and anti-fungal compounds as an example can be shown as a scheme in introduction.

**Response 6:** Some anti-inflammation and anti-fungal compounds as an example have been shown as a scheme 1 in introduction.

**Point 7:** Line 22 and 23, there are reports of polyaryl synthesis that transition metal catalysts were not used such as "J. Am. Chem. Soc. 2014, 136, 8568", make sure you include those in ref [8-10].

**Response 7:** The reports such as "J. Am. Chem. Soc. 2014, 136, 8568" have been included.
Point 8: Rephrase line 23-25. Line 26 has to be re-phrased. Line 37 through 40 has to be re-phrased.

Response 8: line 23-26 and Line 37 through 40 have been re-phrased.

Point 9: It would be useful if the mechanism of the reaction will be presented as a scheme.

Response 9: The sentence has been revised according to the comment.

Point 10: line 47, there is an extra space between number and degreeC (°C). line 47, degC should be written correctly. Like °C not superscript of letter "O".

Response 10: The incorrect have been changed.

Point 11: line 48, please avoid using "We". past participle is preferred.

Response 11: The sentence has been corrected according to the comment.

Point 12: line 51, same as line 47.

Response 12: The incorrect have been changed.

Point 13: line 52 and 53, re-write.

Response 13: The sentence has been re-write.

Point 14: line 57, efficient not efficiency. line 57, there should be a comma after yield.

Response 14: The incorrect have been revised.

Point 15: Line 58 and 59, re-write. avoid using "we".

Response 15: The sentence has been re-write.

Point 16: line 61-63, re-write.

Response 16: The sentence has been re-write.

Point 17: line 64, which substrate you are talking? please mention it.

Response 17: The substrates have been added according to the suggestion.

Point 18: line 67, "... in reasonable to good yields."

Response 18: The mistake has been corrected.

Point 19: line 68, re-write. "And" cannot be used as a first word.

Response 19: The sentence has been re-write.
Point 20: line 73, "could be got" - grammatical error, re-write. Line 75, re-write.

Response 20: The sentence has been re-write.

Point 21: Line 79, same as line 47.

Response 21: The mistake has been corrected.

Point 22: line 82, purchased from where?

Response 22: The missing words have been added.

Point 23: line 95, please get rid of "cost effective".

Response 23: The sentences have been revised according to the comments.

Point 24: line 98, "... reasonable to good yield".

Response 24: The mistake has been corrected