***ORGANIC LETTERS* – DATA PREPARATION CHECKLIST**
(For additional details, refer to the Organic Letters Guidelines for Authors)
NOTE: Additional data may be requested for compounds

Manuscript/Supporting Information (SI) Consistency

☐ Compounds are identified consistently between the manuscript and SI:

- ☐ Compound numbers
- ☐ Structures

☐ Experimental details and spectra in the SI are in the sequence that corresponds to the manuscript

Supporting Information – General

☐ Manuscript title and all authors are listed on the first page of each SI file

☐ Pages are numbered in all files for publication

☐ Table of contents is included

☐ Files are combined - do not submit a series of files of images/structures

☐ Introductory Section is present and describes:

- ☐ Standard techniques
- ☐ Instruments (NMR, microwave reactors, etc.)
- ☐ Suppliers for commercial compounds
- ☐ Citations to references for non-commercial known compounds
- ☐ Hazardous reactions or toxic compounds

Experimental Details

☐ Synthetic procedures/data include:

- ☐ Reactant quantities
- ☐ Detailed purification techniques
- ☐ Product quantities
- ☐ Isolated yields
- ☐ Physical state/description of the compounds (i.e., color, solid, etc.)
- ☐ 1 mmol scale detailed method included for one-step transformations

☐ Data is reviewed for accuracy, omissions and typos:

- ☐ Molecular formula
- ☐ HRMS data:
  - ☐ HRMS actual values are within the ±10 ppm error limit
  - ☐ HRMS molecular weight matches the structure shown
- ☐ Elemental Analysis:
  - ☐ Elemental analysis values are within the ±0.4% error limit
  - ☐ Reported formula matches the structure shown
- ☐ Spectral data:
  - ☐ ^{1}H and ^{13}C atoms have been accounted for
  - ☐ Reported data corresponds to the spectra provided in the SI

Spectra

☐ Spectra are labeled with an image of the structure and a compound number

☐ Spectra are legible and images are not faint or blurry

☐ Spectra are at least a half page in size

☐ NMR baseline is displayed with the minimum chemical shift range

- ☐ -1-9 ppm for ^{1}H spectra
- ☐ -10-190 ppm for ^{13}C spectra
- ☐ Extended range for functional groups that resonate from 9-14 ppm

☐ Peaks in the ^{1}H NMR are integrated

☐ Chemical shift values are included for all peaks in the ^{1}H and ^{13}C spectra

New Compounds: Essential Data

☐ ^{1}H and ^{13}C spectra

☐ HRMS data or elemental analysis data

Known Compounds - Synthesized by a new/improved method: Essential Data

☐ A reference in the experimental details section

☐ Include one or more of the following: ^{1}H or ^{13}C NMR spectra, elemental analysis, HPLC, GC