Combinatorial Chemistry Center-Center for Chemical Methodologies & Library Development
Compound Submission Checklist

❍ Amount of compound to be submitted must be accurately weighed and designated.
(The preferred quantity for submission is 20 mg but the center will take less. Any amount that is in excess of 20 mg that you want to provide to the center will be stored as an "extra" in a separate container).

❍ The compound must be submitted to Yvonne (905 Chevron, phone 4-8451, yas13@pitt.edu) neat in a labeled vial or flask. *Alternatively, you can get an Eppendorf tube from Yvonne to put your sample in, but it still needs to be clearly labeled.*

❍ The compound does not have any known special toxicity problems.

❍ A chemdraw structure of the compound should be provided on a CD or as an email attachment (.cdx file) along with its identification code. Your identification code should be the initials of your name. notebook number.notebook page (ie. KMB.2.25). It would also be helpful if you would photocopy the notebook page of the experimental for the compound and provide this to the CCC to be filed along with the ^{1}H NMR spectrum. *Your sample will be identified with an additional bar code number/plate number/well number by Yvonne once it has been added to the collection.*

❍ The mass and formula of the compound need to be calculated. This should be provided along with the chemdraw structure.

❍ The purity of the compound should be 85-95% by ^{1}H NMR.
(It is encouraged that you provide a hard copy of the ^{1}H NMR that will be kept on file in the CCC).

❍ The compound is racemic or achiral. If not racemic or achiral, designate the approximate enantiomeric purity _____. If a mixture of diastereomers, designate the approximate diastereomeric ratio _____.

❍ The compounds that are submitted should not contain any excessively reactive functionality. *Reactive functionalities include: sulfonyl halides, acyl halides, alkyl halides, anhydrides, halopyrimidines, aldehydes, imines, perhaloketones, thioesters, sulfonate esters, phosphonate esters, α-halocarbonyl compounds, and peroxides.*

❍ The sample is soluble in DMSO. *(The compounds will be stored at –80 °C in DMSO). If the sample is not soluble in DMSO, please provide a list of solvents the sample is known to be soluble in.*