

# MSU Drug Discovery

## Compound Submission Form – In Vitro Pharmacokinetics

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Department: \_\_\_\_\_

Account #: \_\_\_\_\_

Descriptions and assay details for the *in vitro* pharmacokinetic assays are available on the MSU Drug Discovery website (<https://drugdiscovery.msu.edu/facilities/pharmacokinetics/>). Please choose which assays you would like your compound tested in below.

### 1. Please check all that apply:

Kinetic (Turbidometric) Solubility (pH	Other pH (please specify)
7.4) Microsomal (S9 fraction) Stability	Species
Plasma Stability	Species
Plasma Protein Binding	Species

### 2. Compound Information

Please fill out the table below with your compound information. We generally request **200  $\mu$ L of a 30 mM DMSO solution** for of each compound although it may be possible to proceed with less. Vials/tubes **must** be labeled with a legible, unique compound ID matched to your submission form. Please avoid generic compound names such as “Compound A”, “Compound 1”, etc. Please use an MSU# or a notebook# as an identifier. Also insert into the space provided a structure of the compound(s) being evaluated.

**\*Please also insert into the space provided a structure (chemical structure) of the compound(s) being evaluated or an additional attachment with corresponding compound IDs.**

**\*Upon receipt of the completed form, a quote will be provided**



**3. Compound Structures (\*paste here or provide an attachment)**