

# Proteomics & Mass Spectrometry Core

Medicinal Plants and Drug Research Institute

Shahid Beheshti University

## Sample Submission Form for ESI-MS Analysis- Molecules

\*Name:

Supervisor:

\*Sample Code:

**PLEASE FILL IN ALL FIELDS AS COMPLETELY AS POSSIBLE: Fill All the star's blanks (\*) completely**

\*Compound Origin

1. Isolated from natural sources-Explain & give purification steps:

2. Synthetic- Give final purification steps:

Structure:

Compound Information (if known):

\*Molecular Formula:

\*Molecular Weight:

\*Desired analysis:

1. ESI (Negative Mode or Positive Mode)
2. DESI (Negative Mode or Positive Mode)
3. LC-MS (Attach HPLC Profile, Negative Mode or Positive Mode)
4. LC-MS/MS (Attach HPLC Profile, Negative Mode or Positive Mode)
5. High Resolution LC-Q-TOF

### Sample Details:

Solid  Liquid  Estimated amount (mg)

Estimated purity (%): determined by: \* Toxicity:

\*Salt content \*Storage condition

\*Solubility \* sonication sensitivity

Additional Information regarding sample (source of isolation/synthesis):

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\*National Code. (رکم ملی) or Passport NO : ..... \*E- Mail: .....

\*Phone/ Cellphone number: ..... \*Date: .....

Signature of Supervisor \_\_\_\_\_

Signature of Operator \_\_\_\_\_

Remaining sample will be kept for 2 weeks, do you need remaining sample?

Bit: