

# North Carolina State University NMR Facility

Date submitted: \_\_\_\_\_

Check one  
Request for Spectrometer Time\* ( )  
Request for Spectral Analysis ( )

Name \_\_\_\_\_ Phone \_\_\_\_\_  
P.I. \_\_\_\_\_ Account No. \_\_\_\_\_  
Dept. \_\_\_\_\_ Signature \_\_\_\_\_

Instrument:

Solution: Varian600( ), Bruker500( ), Mercury400 ( ), Mercury300 ( ), GN300 ( ), Data station\* ( )

Solid-state: Chemagnetics 200 ( )

Nucleus to be detected:  $^1\text{H}$  ( )  $^{13}\text{C}$  ( ) Other(s): \_\_\_\_\_

Type of experiment: 1D-FT ( ) 2D-FT ( ) Other(s): \_\_\_\_\_

Probe requested\*: \_\_\_\_\_

Total hours needed\*: \_\_\_\_\_ Preferred dates\*: \_\_\_\_\_

\* not applicable to those who submit samples

## SAMPLE INFORMATION:

Sample amount(s): \_\_\_\_\_ Solvent: \_\_\_\_\_

Molecular weight: \_\_\_\_\_ Reference: TMS ( ) Other: \_\_\_\_\_

Sample soluble in:  $\text{H}_2\text{O}$  MeOH  $\text{CHCl}_3$   $\text{CH}_3\text{CN}$  THF Acetone DMSO Other: \_\_\_\_\_

Is sample:

Stable under acidic conditions Yes No

Air sensitive Yes No

Light sensitive Yes No

Store in freeze Yes No

Proposed structure and sample name(s):

1.)

2.)

3.)

Special Requirements: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## For NMR Facility Use Only

Operator: \_\_\_\_\_ Time in: \_\_\_\_\_ Time out: \_\_\_\_\_

Time/ Date Time/ Date

File name(s): \_\_\_\_\_

Prime time: \_\_\_\_\_ hrs + Extended time: \_\_\_\_\_ hrs = Total time used: \_\_\_\_\_ hrs