

NMR

Pharma-Grade Facilities and Expertise:

- Low Sample Concentration Requirement
- Rapid and Efficient Data Collection
- High Field NMR Systems (700, 800) w/Cryoprobe

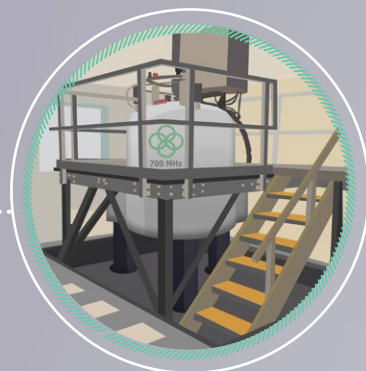
Unleash the power of our NMR facility
for superior structural insights

BE4.COM
COLLABORATE@BE4.COM

BERYLLIUM NMR
SYSTEM (500 MHz)

BERYLLIUM NMR
SYSTEM (700 MHz)

STRATEGIC LOCAL PARTNER
(800 MHz)



SCREENING

- Target feasibility studies to optimize conditions and parameters
- Screening of in-house and external libraries
- NMR screening of smart pooled fragments with automated deconvolution
- Hit validation and competition NMR screening
- Ligand-observed methods (e.g. STD-NMR)
- Protein observe methods (e.g. HSQC)

BIO-NMR

PROTEINS/PEPTIDES/RNA/DNA

- Complete NMR-based 3D structure determination
- Sample optimization
- Binding analysis and binding site identification
- Resonance assignments
- Isotopic labeling (uniform and selective)
- SAR

SMALL MOLECULE

- Structural analysis and determination
- Binding affinity measurements
- Stability analysis
- Metabolite ID