



Radiochemistry Services

Girindus' radiochemistry team has the capabilities to synthesize and analyze radiolabeled small molecules, oligonucleotides and peptides for ADME studies.

Our Cincinnati facility operates four state-of-the-art radiochemical synthesis cells dedicated and licensed for the use of select radioisotopes. Our expert staff has more than 40 years of combined experience in nuclear medicine, medicinal chemistry, radiochemistry and organic synthesis.

The modern chemical synthesis facilities are available for synthesis optimization and radiochemical development to insure the highest quality and most cost-effective synthesis of our customers' radiolabeled API.

Facilities and Capabilities

- Licensed use of select radioisotopes – ^{14}C , ^3H , ^{125}I
- 1000-square-foot laboratory dedicated to cold development chemistry
- Four dedicated radiochemistry cells
- Common area for radio-detection by
 - NMR
 - TLC
 - HPLC
 - Scintillation counting
- cGMP radiosynthesis of APIs for ADME/Pharmacokinetics
- Experience in all phases of radiochemistry from synthesizing reactive intermediates to performing complex multi-step radiosyntheses under GMP