



Pharmaceutical Sciences

FACTSHEET



Drug Substance Amorphous and Disordered Materials

Preparation of Amorphous or Disordered Materials

We have experience with a broad range of methods of preparation of amorphous and disordered materials including an amorphous screen (see screening section). These methods are optimized based on the drug substance of interest.

Amorphous and Disordered Material Characterization

We have developed cutting edge computational approaches to X-ray powder pattern analysis. Our new CodeX Software Suite is the first software capable of rapidly providing accurate structural information from standard laboratory X-ray powder diffraction data!

Advanced X-ray Analysis

- analysis of microstructure, average crystal size and strain
- analysis of X-ray amorphous materials and determination of their crystalline parents
- distinction between true amorphous and disordered crystalline materials

Additional Aptuit Capabilities

Aptuit offers a comprehensive suite of drug development services that range from candidate selection through to market, including consultancy services, API development and manufacture, preclinical and clinical technologies, pharmaceutical services, large and small scale manufacturing, IVRS, and clinical packaging and logistics, across a wide range of compounds, dosage forms and delivery systems.

For information about Aptuit's services, please call or email:

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Engineering a better drug development process.