

**GENERATION OF ACCURATE X-RAY POWDER DIFFRACTION DATA OF A
PHARMACEUTICAL COMPOUND FOR INCLUSION INTO THE INTERNATIONAL CENTRE
FOR DIFFRACTION DATA (ICDD) POWDER DIFFRACTION FILE (PDF)**

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This work outlines the approach used to submit a “star” quality diffraction pattern to the International Centre for Diffraction (ICDD) Powder Diffraction File (PDF). The presentation will discuss the choice of internal standards, sample preparation, data collection and analysis using a marketed anti-HIV reverse transcriptase drug. The practical aspects of the process for submitting the electronic data to the ICDD will also be presented.