

BUILDING A STRONG PATENT PORTFOLIO WITH COCRYSTALS AND DISORDERED SOLIDS – A LIFECYCLE MANAGEMENT APPROACH

Eyal Barash, Aptuit Consulting, West Lafayette, IN, U.S.A.

Pharmaceutical innovators continue to face significant challenges for drug delivery. One such challenge lies in the area of solubility-mediated bioavailability. For oral formulations, poor solubility can severely limit an otherwise promising therapeutic. At Aptuit, we are looking to several different technologies for assisting with poorly soluble compounds including the development of cocrystals and amorphous compounds. This presentation will discuss how cocrystals and amorphous forms can be viewed as complementary strategies for addressing solubility challenges in an intellectual property context. The lecture will provide ideas on how one might protect the latest developments coming from the laboratory and also how to weave these developments into a comprehensive lifecycle management strategy.