



BIODURO-SUNDIA
保 诺 - 桑 迪 亚

BioDuro-Sundia Solution Engine™

Rapid solutions for insoluble compounds at all stages of development

The BioDuro-Sundia Advantage

Timing, cost, and achieving good drug exposure are important priorities for getting your compound through the clinic, but suboptimal physicochemical, formulation or ADME properties can result in a drug discovery and development process that is becoming longer and costlier.

Working with a partner who can effectively employ

a multidisciplinary approach can improve efficiency and candidate success. Through BioDuro-Sundia's unique incorporation of formulation development and DMPK services, the BioDuro-Sundia Solution Engine can overcome issues of poor solubility, API bulk availability and the need for rapid selection of the best formulation approaches. By integrating discovery and development, we develop a thorough understanding of your compounds and allow for optimal candidate selection.

BioDuro-Sundia Solution Engine

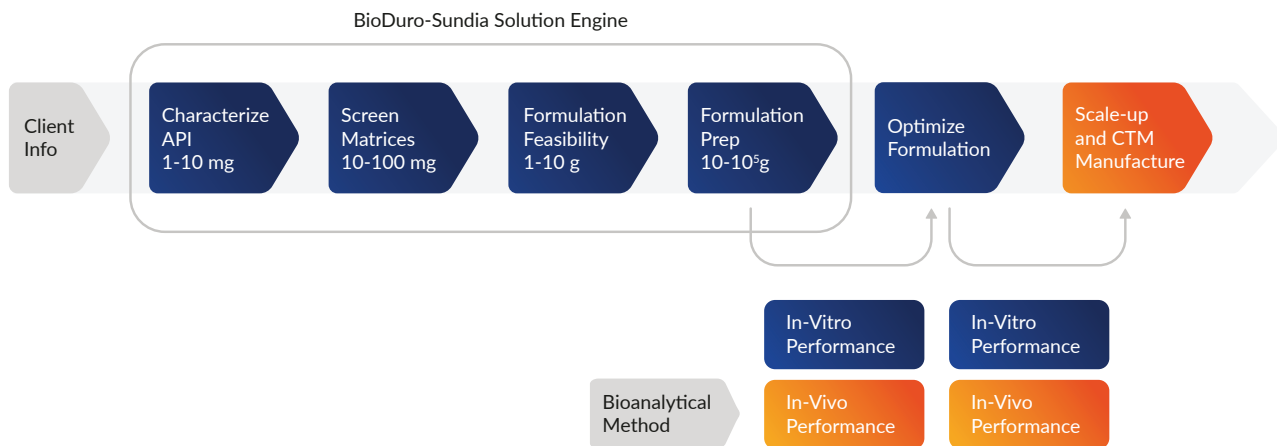
- Non-toxic preclinical formulations
- API-sparing formulation screening
- Natural scale-up path from mg to kg
- Faster molecule to product path


In pursuit of your success.



www.bioduro-sundia.com

In-Vitro/In-Vivo Performance Screening for Solubilizing Formulations



8-12 weeks vs. 16-24 weeks  **50% faster** than industry standard for amorphous dispersion development

Stage	Purpose	API Requirement
Characterization/Triage:	Chemical, physical and biological characteristics determine best solubilization/formulation approaches	µg to mg
Screening:	Screens rapidly identify best matrices for formulation development	10s of mgs
Feasibility:	Small-scale manufacturing of formulation intermediates	100s to 1000s of mgs
Scale-Up Prep:	Scale-up of successful feasibility prototypes	g to kg
MicroEvap Prep:	Samples for preclinical in-vivo testing: low-carbon vehicles (low solvent/surfactant) and amorphous processing enhance solubility without toxicity	10s to 100s mgs per animal

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