

# ASD — HIPROS

## Identify the most promising formulations for your poorly soluble drugs

Formulation screening service for amorphous solid dispersions by spray drying.

Find out more



Contact our experts today to accelerate your drug development.

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## The Platform

- Targeted at APIs with poor solubility issues
- Evaluate Spray Drying feasibility
- Designed to reduce formulation options based on performance and stability comparison
- Access to innovative proprietary excipients such as Dispersome® - BLG
- Maximizes the chances of identifying a successful formulation

**6 weeks, Non-GMP work, Cat.3A**

### Requirements:

- **5g API**
- **Physicochemical properties**
- **API safety information**

## 3 Step Screening Process

### 1 *In silico* Computational Screening

- Controlled release
- Development by Design™
- ASD-HIPROS



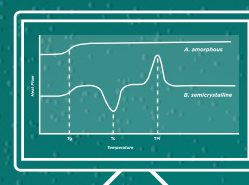
### 2 Spray Drying Experimental Prototyping

- Spray Drying experiments
- 24 Lab-Scale prototypes
- Evaluation of multiple Drug loads, Excipients and Surfactants



### 3 Analytical testing and Solid-state characterization

- Two-Step Bio-relevant Dissolution
- Modulated Differential Scanning Calorimetry
- One-Month Physical stability



## The Deliverable

- **Evaluation** - Formulation space definition and evaluation
- **Ranking** - Processed analytical results and SD prototype ranking
- **Formulation** - Identification of the optimal and most promising formulations

March 2025 © Hovione

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