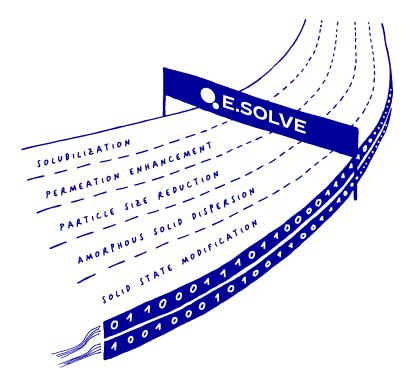


# E.SOLVE: Solving Bioavailability Challenges

E.SOLVE accelerates your journey to the clinic supporting as early as possible your formulation strategy from discovery to market approval.

- Holistic approach for smart screening
- Formulation strategy driven by molecule physico-chemical properties
- Low amount of API required
- Quick delivery of fit for purpose formulations

- Rapid access to in vivo verification
- Integrated approach across disciplines to de-risk your strategy
- End-to-end support for preclinical and clinical development
- Complete flexibility to fit your project goal



E.SOLVE covers a full range of approaches to improve solubilization and bioavailability to ensure that your API can progress through the drug discovery development pipeline faster.

Solubility is a critical factor for the successful outcome of your project. Our formulation screening platform ensures that solubility issues don't stand in your way.

## At Evotec, we do smart screening.

Our experience, after helping partners globally, confirms that shotgun approaches will run up large costs and may miss important formulation parameters.

Based on your project needs, we apply in depth analysis of the physicochemical properties of the API coupled with our extensive formulation knowledge to provide tailored screens that will get you to the answer, faster.

# Molecular

characterization Solubility, stability, solid state, physical and technological properties, bioavailability

#### **Project input**

### **Identify needs** and liabilities

Bio-enhancement, processability, chemical liabilities, clinical dosing Feasibility and formulation screening for selected approach Technology, composition,

stability

#### Dosage form and process development Scale-up, technical batches,

clinical supply

Evotec has a wide range of technologies which will deliver a finished dosage form of your API. Some examples:

#### **Amorphous API**

- Spray DryingHot Melt Extrusion

- Nanosizing and nanomaterials Top bottom (wet bead milling)
  Bottom up (jet impinging reactor) LEON
- Particle size reduction MicronisationMilling

- When you deal with a challenging API, partner with Evotec's screening experts to guide your process through every challenge along the drug discovery and development journey through to the clinic.
- We take time to thoroughly understand your API's physicochemical profile and the bioavailability needs.
- We combine data and expertise to create a panel of formulations that we can test for the optimal results

E.SOLVE – a formulation screening partner you can trust.

