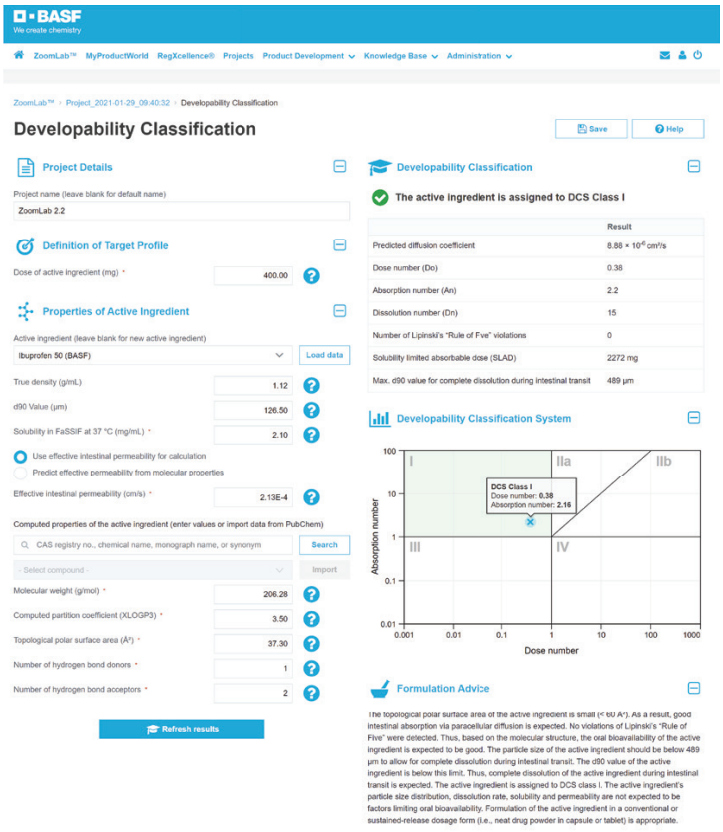
BASF
We create chemistry

Developability Classification of Active Ingredients is now in ZoomLab™

Formulation development normally begins with two questions:

I) Can my active ingredient be formulated as an oral dosage form?

II) And if so, can I rely on a conventional approach or is additional formulation work required to achieve sufficient oral bioavailability?



With the **Developability Classification of Active Ingredients module**, ZoomLab™ provides a handy tool that helps formulators answer these fundamental questions!

- Determine the Developability Classification System (DCS) class of active ingredients based on solubility, permeability and dose to be formulated.
- Estimate the permeability of an active ingredient from its molecular properties.
- Import data for selected ingredients from ZoomLab™'s database.
- Import computed properties conveniently from the PubChem® database.
- **Estimate o**ral bioavailability based on the DCS class and computed molecular properties (e.g., Lipinski's Rule of Five, topological polar surface area).
- Obtain formulation advice according to the assigned classification (e.g., conventional vs. enabling formulation approach, recommendations on particle size and dose).

Find the new **Developability Classification of Active Ingredients** module on ZoomLab™'s homepage **with** the **Active Ingredients** modules.

Discover for yourself how fast and easy it is to formulate with ZoomLab™ by signing up today - for free! Just enter a few physiochemical properties of the active ingredient and the target dosage form and let ZoomLab™ take care of the rest.

https://info-mypharma.basf.com/