

## Pre-formulation capabilities at Custom Pharma Services

### Expanding materials characterisation and screening services

**Talk to us today about our enhanced pre-formulation services coming soon!**

Custom Pharma Services will be adding more world class services through the introduction of a brand-new material characterisation and screening laboratory.

This new laboratory will add significant value to drug substances with poor bioavailability, exhibiting solubility or permeability challenges. With this we are offering a full **bio-enhancement strategy and feasibility assessment** for poorly soluble active substances (BCS class II, III and IV) based on the screening and characterisation of an enhanced solubility dose form.

- Identify and select the solid form/phase of the API with optimal solid-state properties for the clients desired pharmacological application
- API physical and analytical **characterisation including** solubility/dissolution assessment to support BCS classification, stability assessment, polymorphs screening and amorphous characterisation
- **Screening, characterisation, ranking and development** of new drug forms with enhanced physiochemical properties: amorphous solid dispersion, liquid pellets, co-crystals, salts, hydrates/solvates, inclusion complexes
- Progression to GMP **manufacture**, analytical **testing** to support tox/clinical trial, IVIVc (*in-vivo in-vitro* correlation)
- IP strategy optimization

**Talk to us to find out how we can help you characterise your drug substance!**

