

Formulation Development Services



What can Quotient Sciences' formulation development services do for me?

- ✓ Identify and address critical formulation issues quickly
- ✓ Optimize the performance of your formulation
- ✓ Support your formulation development from preclinical to late-stage clinical evaluation



Selecting the right formulation for your molecule

Quotient Sciences has over 30 years of experience developing a breadth of formulation services for small molecules and synthetic peptides, across a range of indications.

Our innovative approach to formulation development is based on our proven track record in early clinical evaluation delivering phase-appropriate formulations across the product development pathway from preclinical to late-stage. With expertise in simple and complex dosage forms, our approach has been validated through our work with over 1,500 molecules at all stages of drug development.

Our formulation teams have a proven track record in developing drug product for administration via oral, topical, rectal, and parenteral routes.



Formulation design

Solid oral dosage forms

- ✓ API or formulated API in a bottle or capsule
- ✓ Immediate, modified, and sustained release tablets
- ✓ Multiparticulates, mini-tablets, and granules
- ✓ Liquid-filled capsules
- ✓ Orally disintegrating tablets (ODT)

Parenteral dosage forms

- ✓ Intravenous (IV)
- ✓ Intramuscular (IM)
- ✓ Subcutaneous (SC)

Oral liquids

- ✓ Aqueous and non-aqueous liquids
- ✓ Suspensions and nanosuspensions

Solubility-enhanced dosage forms

- ✓ Complexes in a bottle, capsule, or tablet format
- ✓ Lipidic vehicles
 - ✓ Self-emulsifying drug delivery systems (SEDDS) in a capsule format
 - ✓ Self-microemulsifying drug delivery systems (SMEDDS) in a capsule format
- ✓ Micronized API in a bottle, capsule, or tablet format
- ✓ Amorphous (spray-dried, HME) dispersion in a bottle, capsule, or tablet format

Gels, ointments, & creams

- ✓ Rectal
- ✓ Topical