

Innovative Technology Solutions at Aenova



CHALLENGE

Aenova Responds to Recent Challenges in Innovative Drug Development and Supply

- Drug therapy is getting more and more targeted and disease specific
- Oral bioavailability is the major challenge in today's oral drug product development
- >50% of new drug candidates exhibit low solubility or bioavailability
- Drugs are getting more potent and targeted drug applications are required
- Today's drug regimens require patient adherence to drug treatment

SOLUTION

Aenova Provides Innovative Technology to Enable Novel Drug Therapy

Therapeutic systems:



Dry powder inhalation



Capsule microdosing



Encapsulated mini tablet systems



Multiple unit pellet system

Bioavailability enhancing technologies:



Hot melt extrusion



Lyophilization / Co-precipitation



Micronization / Particle design



Soft gelatin capsules

EXAMPLE

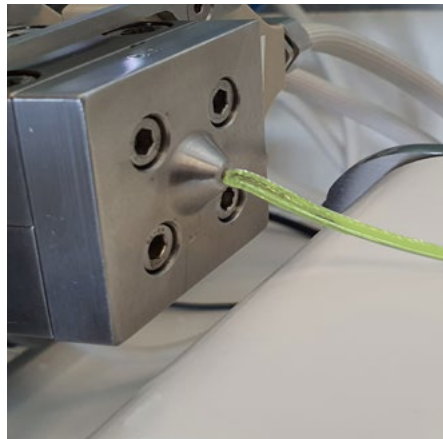
Customized Product Development for Fast-Track Development and Launch

Aenova's customers benefit from a variety of differentiated technologies; explicitly, Aenova contributed to projects in the field of:

- Enhancing oral bioavailability of oncology products as well as peptide APIs
- Implementation of a dry powder inhalation platform based on a capsule micro dosing approach
- Therapeutic systems based on mini-tablets or pellets that allow for designed and targeted drug release



Pellet Layering



Hot Melt Extrusion



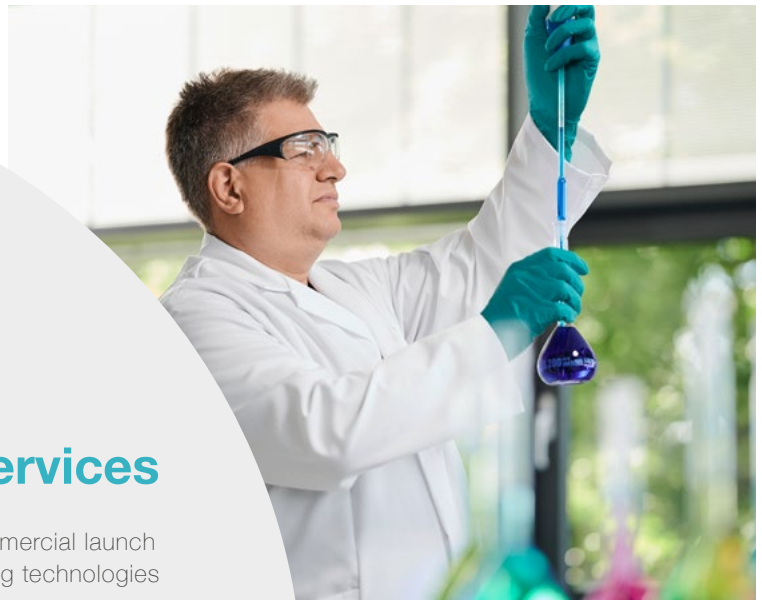
Complex solid dosage forms

BENEFITS

Aenova - Your partner for innovative solutions and services

Aenova is your partner of choice for development and commercial launch of novel drugs. It offers a broad range of innovation enabling technologies combined with scientific know-how and application experience.

- ✓ Fast project realization from idea to market
- ✓ Minimum project risk
- ✓ Highly cost-effective execution



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