



Oral solids made  
with intelligent  
collaboration

# Oral solids made with intelligent collaboration

Oral solids made with compelling science.

Open dialogue. Successful delivery.

Welcome to Pfizer CentreOne. We're a global CDMO backed by the resources of Pfizer. We excel in the manufacture of oral solid dosage forms.

Working together with our customers, we combine compelling science with open dialogue to help you solve challenges and drive your long-term success.

Intelligent collaboration with Pfizer CentreOne.

For more than 40 years, we've been a trusted CDMO partner of choice for many of our customers, guiding complex compounds securely and efficiently from development through commercial manufacture.

Backed by Pfizer resources, we have the experience, flexibility and scale to deliver technical expertise, global regulatory support and long-term supply.

More collaboration, better solutions.

You want to get to market as quickly as possible.

Let's collaborate and we'll help you navigate the technical and regulatory hurdles of your oral solids project.

Flexible oral solid dose manufacturing.



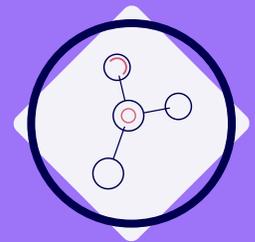
Pfizer CentreOne has integrated cGMP pilot facilities dedicated to process optimization, clinical drug manufacturing, and scale-up technology transfers.

We offer commercial manufacturing for global / large-volume solid forms production.

We're known for our:

- Specialized solid dose technologies
- Full range of OEB 1-5
- State-of-the-art facility design with segregated areas for multi-product and high containment manufacturing

Our oral solids network includes sites in:



- Germany (Freiburg)
- Ireland (Newbridge)
- Italy (Ascoli)
- Japan (Nagoya)

We offer comprehensive regulatory submission support that has established approvals around the globe, including FDA (United States), EMA (European Union), ANVISA (Brazil) and PMDA (Japan).



## Capabilities at a glance:

### Compound classifications

- Highly active compounds
- Immunosuppressants
- Sensitizers
- Hormones
- Controlled drugs
- Cytostatics/Cytotoxics

### Manufacturing capabilities

- Dry granulation
- Roller compaction
- Wet granulation
- Fluid bed granulation
- High shear granulation
- Wet & dry milling
- Extrusion/Spheronization
- Hot melt extrusion
- Compression
- Encapsulation
- Film coating
- Sugar coating
- Active coating
- Solvent coating
- Fluid bed coating
- Branding/Printing
- Automated inspection
- Serialization

### Delivery technologies

#### Capsules

- Immediate-release
- Modified-release
- Powder-filled
- Pellet-filled

#### Pellets

- Immediate-release
- Modified-release
- Enteric-coated

#### Tablets

- Immediate-release
- Modified-release
- Fast-dissolve
- Bi-layer
- Active-coated
- Sugar-coated
- Dual-active overcoat
- Laser tablet drilling

### Packaging

- Packaging Centers of Excellence for bottle and blister
- Automated lines
- High-volume and flexible-run packaging
- OEB 1-5 (OEL 10,000-0.01µg/m3)
- Cold-forming and thermoforming capability
- Containment control (i.e. packaging of hormone products)
- Packaging on demand
- Humidity control
- Serialization

### Gateway drug product packaging for Japanese market:

- In country Packaging Center of Excellence for Japan inspection/packaging
- State-of-the-art inspection technologies
- On-site PMDA regulatory experts

### Regulatory overview cGMP inspections

#### Major market approvals in over 150 markets served:

AIFA, ANMAT, ANVISA, EMA, FDA, HPRA, IMB, INVIMA, Korean FDA, NMPA, PMDA, Russia MOH, Supervisory Agency Germany, TFDA, Turkey BOH



Discover how we're  
**altogether different**

Visit us at [www.pfizercentreone.com](http://www.pfizercentreone.com)



[www.pfizercentreone.com](http://www.pfizercentreone.com)

© 2022 Pfizer Inc. All rights reserved. Pfizer CentreOne is a registered trademark of Pfizer Inc., PC1-20-0005/April2022-V8