

# Transform Your Brick-Dust API into an Effective Oral Drug Candidate with Apinovex™ Polymers



1

## Unlock the Potential Of Your Brick-Dust API

It's time to turn your insoluble, brick-dust APIs into efficient, differentiated oral treatments with Apinovex™ polymers.

There is a growing need for technologies that aid solubility enhancement and enable formulators to develop differentiated/IP-protected drug products.

90%

Up to 90% of new chemical entities (NCEs) suffer from poor aqueous solubility and bioavailability

### Apinovex™ Polymers Enable Solubility With Ease

Apinovex™ polymers can be easily incorporated into your drug project via spray drying or other solvent-based processes.

This novel excipient has a broad API and solvent compatibility to produce Amorphous Solid Dispersions (ASD) of your brick-dust API.

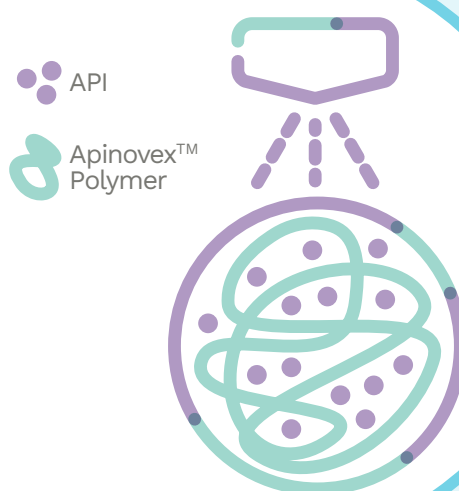
2

## Introducing Apinovex™ Polymers

Apinovex™ polymers are high molecular weight polyacrylic acid excipients designed to provide both processing and formulation benefits for spray dried ASDs.

Apinovex™ polymers will be an indispensable tool in your formulator toolkit, enabling:

- Solubility enhancement of BCS Class II and IV APIs
- Smaller, more patient-friendly oral tablets
- More efficient API usage



3

## Saving The Insoluble With Apinovex™ Polymers

Apinovex™ polymers build on Lubrizol's decades-long legacy as a trusted excipient supplier.

We are adapting to market needs by adding solubility enhancing excipients to our existing portfolio of efficient and differentiated solutions.

80%

Apinovex™ excipients enable high drug loading of up to 80% via spray drying.

4

## Apinovex™ Polymers For Patient-Centric Treatments

- High drug loading capacity leads to more efficient oral dosage forms.
- Achieve smaller tablets with the same concentration of API.
- Give patients new and improved development routes with 505(b)(2) formulations.

### Formulate and manufacture with ease

- Designed for established spray drying and solvent-based techniques.
- Soluble in water and common pharmaceutical solvents.
- Produces low viscosity solutions that increase ease of processing.



Visit [Apinovex.com](https://www.apinovex.com) to learn more about how our Apinovex™ excipients enable oral solubility enhancement and request a sample today.