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





### **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.



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

### Apinovex<sup>™</sup> Polymers Enable Solubility With Ease

Apinovex<sup>™</sup> 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.



API

## Introducing Apinovex™ Polymers

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

Apinovex<sup>™</sup> 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





# Saving The Insoluble With Apinovex™ Polymers

Apinovex<sup>™</sup> 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.



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



# **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.



- 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.

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how our Apinovex™
excipients enable
oral solubility
enhancement and
request a sample today.



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