

Epidel™

An innovative platform for extended drug delivery.



The innovative Epidel[™] platform developed by Ripple Therapeutics was founded on a discovery that drugs can be designed to deliver themselves without the need for polymers or excipients. Epidel[™] introduces a breakthrough approach for precise and controlled drug release offering high drug loading and bioavailability.





Single drug

component





Surface-mediated

drug release



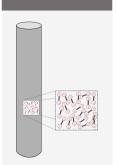


Tunable release

and duration

Simple Chemistry

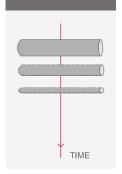
> Prodrug Molecule



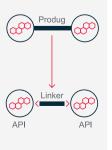
Scalable manufacturing processes

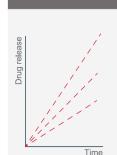


Extruded Rods



Simple and defined degradation







Innovative, controllable & sustained drug delivery

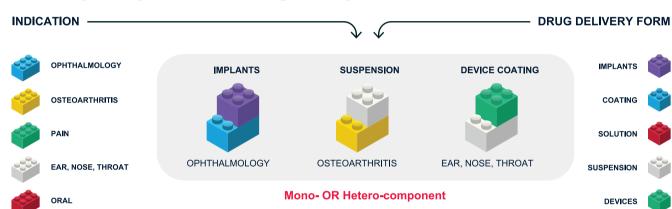
Simplified formulations, enhanced safety

- Simpler composition: the active pharmaceutical ingredient (API) and a linker
- Decreases the formation of additional degradation products lower risk of adverse reactions

Tunable and controlled release for optimal therapeutic outcomes

- Epidel™ utilizes a unique surface erosion mechanism
- Smaller products with higher drug loads, precise dosing, and prolonged therapeutic effect improved efficacy and patient compliance.

Versatility to empower tailored drug delivery solutions



Find more about a Phase II successful application of the Epidel™ Technology.



Simplified regulatory pathways

The simplicity starts with the chemistry and goes throughout the regulatory pathway. 505(b)(2) submissions leverage from existing data, reducing costs and accelerating time to market.

Why work with us?

By incorporating Epidel™ platform into our toolbox, Hovione offers a powerful combination of cutting-edge technology, scientific expertise, and regulatory know-how, delivering exceptional value to customers seeking for innovative drug delivery solutions.



- Deep knowledge in process chemistry including off-patent API, e.g. corticosteroids;
- Extensive experience in Particle Engineering offering advanced capabilities to optimize drug delivery;
- Strong patent portfolio;
- Efficient evaluation process;
- GMP Manufacturing capabilities.

Are you looking to an extended-release profile for your drug product? Or needing to capture more value on existing drugs?

Contact us today.

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In Europe and the rest of the world, call +351 21 982 9000

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