

UltraBurst™

Breakthrough in Orally Disintegrating Tablet Technology

Improving patient experience, adherence, and efficient therapeutic delivery is a key differentiator for oral dose products. Since the turn of the century, SPI Pharma has leveraged our materials science and formulations expertise to develop industry-leading technology for orally disintegrating dosage forms. Our portfolio of innovation includes Pharmaburst®, the first orally disintegrating tablet (ODT) platform on the market.

We're proud to introduce UltraBurst, which provides a step-change in the most critical ODT characteristics — dissolution time. For the first time, flash-like disintegration performance can be achieved using a direct compression, preformulated platform.

Evolutionary Process, Revolutionary Results

UltraBurst is an innovative excipient platform for ODTs, enabling disintegration in under ten seconds. It can deliver the fastest disintegration time of any preformulated product on the market while maintaining best-in-class hardness, friability, API loading, and assorted tablet weights. Designed for direct compression, UltraBurst delivers on low manufacturing costs.



Why UltraBurst?

- Opens flash tablet dose formats with unrivaled disintegration speed to all segments of the market, from prescription drugs to nutraceuticals
- Creates low dose, 100mg tablets with five-second disintegration time
- Improves the disintegration time of a 700mg ODT tablet by 35%
- Maintains excellent hardness, friability, and content uniformity
- Simplifies the incorporation of large taste-masked actives
- Increases patient adherence and complements taste-masking strategies by creating a smooth texture and pleasant mouthfeel
- Utilizes excipients used in current oral dose forms and meets quality and regulatory standards speeding regulatory submission processes

Technical Support

UltraBurst opens doors that were previously closed to some formulators based on requirements like disintegration time or drug load (tablet size). If your team is unsure of where or how to start, SPI Pharma's customer-focused Technical Development Managers are here to help quickly and efficiently formulate your drug product.

Does your project require a bit more support due to aggressive timelines or technical demands? Our custom formulation services from our expert ODT formulators are available for a fee.

UltraBurst is your team's chance to formulate a flash-style ODT using your current lab equipment. The characteristics you want, the expertise you need.

Explore the possibilities by scheduling a technical review today.

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