

## Evonik's Newly Launched EUDRACAP™ Functional, Ready-To-Fill Capsules



Evonik introduces EUDRACAP™, its newly launched platform of functional ready-to-fill HPMC capsules, which helps optimise release profile, protects sensitive active ingredients, and speeds time to market.

Functional capsules can improve a targeted drug delivery strategy and allow the use of more sensitive active molecules. EUDRACAP™ (Figure 1) is Evonik's newly launched platform of functional ready-to-fill HPMC capsules. Completely free from animal-derived products, EUDRACAP™ helps optimise release profile, protects even the most sensitive active ingredients, and speeds up time to market.

### Targeted Drug Delivery from pH 4.0 to 7.2

Challenges in targeted drug delivery can be overcome with EUDRACAP™. Evonik's established functional coatings EUDRAGIT® can be applied to EUDRACAP™ to match the specific release profile for effective pH targeting of sites including the mid-to-upper small intestine and colon.

### Active Ingredients – Effective Acid Resistance for up to Four Hours

Active ingredients that are sensitive to heat, moisture or gastric acid can also present a challenge. EUDRACAP™ can help optimise absorption and avoid premature dissolution, therefore supporting the delivery of molecules such as nucleotides and peptides as well as live biotherapeutics.

### Speed to Market – Fully USP and EP Compliant to Reduce Regulatory Risk

Reducing clinical risk and speeding up time to market is key for early-stage drug development. EUDRACAP™ reduces complexity, time and risk, and accelerates clinical trials. The EUDRACAP™ platform of catalog and customisable coating options has a strong regulatory track record, extensive formulation and cGMP services. With EUDRAGIT® Evonik has more than 60 years of safety and reliability.

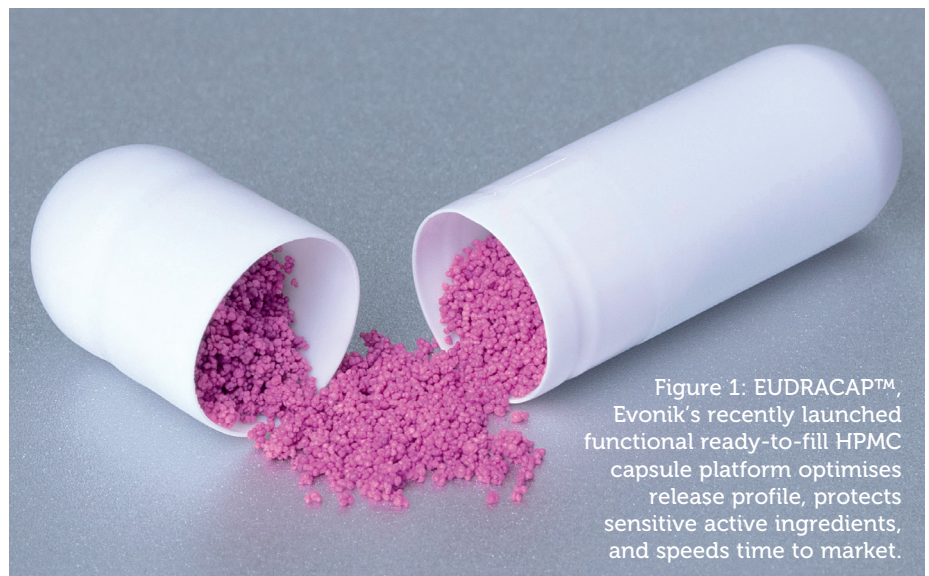


Figure 1: EUDRACAP™, Evonik's recently launched functional ready-to-fill HPMC capsule platform optimises release profile, protects sensitive active ingredients, and speeds time to market.

### Easy to Use and Suitable for a Range of Fillings

EUDRACAP™ capsules are easy to open, fill and close on manual or high-speed automated capsule filling lines. Functional coatings of EUDRAGIT® polymers are homogeneously applied across the entire surface of the pre-locked capsule including part of the surface area covered by the capsule cap in the final-locked stage. The capsules are suitable for a range of fillings including powders, pellets and granules.

### Leveraging the Versatility of EUDRAGIT®

The EUDRACAP™ platform provides a flexible range of custom options such as a choice of size, colour and release profile. Many EUDRAGIT® drug delivery and process technology options are available to match specific immediate, delayed, sustained or modulated release profiles or solubility enhancement requirements.

### EVONIK EXPERTISE

Evonik is one of the world's leading formulation development and scale-up

partners for oral drug delivery solutions. Areas of formulation expertise include colonic delivery, microbiome delivery, bioavailability enhancement, and personalised dosage forms for patient groups including children and the elderly.

### ABOUT THE COMPANY

Evonik Health Care is a CDMO for advanced oral and parenteral drug delivery solutions covering early development to commercial manufacturing. Evonik Health Care is also one of the world's largest CMOs for APIs, intermediates, amino acids, cell culture ingredients and medical device excipients.

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