Bio-based production of crotonic acid from wastewater

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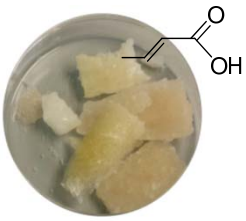
Crotonic acid

a promising chemical used in industry today!

- **Drop-in chemical**
- **High value of € 5 – 10 per kg**
- **Use in polymer products**
  paints, adhesives, glass fiber, …
- **Difficult petrochemical route**
- **Stable supply challenges for Wacker Chemie, also Arkema interested**



revitalising resources

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University of Twente and Paques

A team capable of developing a new production method!

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High impact research on separation technologies!

Together for 5 years of successful collaboration on VFA recovery technology!

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Global leader in resource recovery from wastewater!
> 10 years experience on PHA technology – on the way to full scale!

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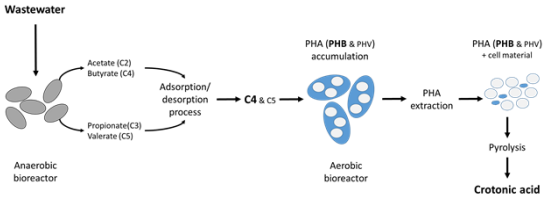
Biobased crotonic acid

Production via PHA



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