

Why Use Enzymes?

Shorter Synthetic Routes

Extraordinary Selectivity

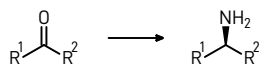
Easy to Engineer for Improved Performance

Mild Environment-Friendly Reaction Conditions

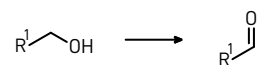
Broad Range of Reactions is Available

Selection of Our Key Transformations:

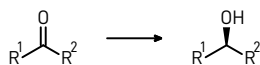
Transamination



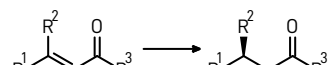
Alcohol Oxidation



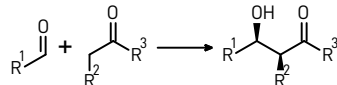
Ketone Reduction



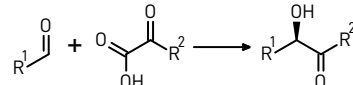
Enoate Reduction



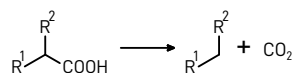
Aldol Reaction



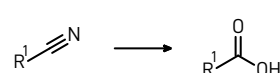
Carboligation



Decarboxylation



Nitrile Hydrolysis



Didn't find what you need?

Contact us, many more reactions are possible!

Enzymaster is your solution provider for biocatalysis – applied to food, pharmaceutical and fine chemicals.

Enzymaster Deutschland GmbH

Address: Neusser Str. 39, 40219 Düsseldorf, Germany

Tel: (+49) 211 - 15 82 16 10

Mobile: (+49) 176 - 74 78 69 39

Web: www.enzymaster.de

E-mail: info@enzymaster.de

Green magic happens here



Technologies

1 Enzymaster Deutschland GmbH
in Düsseldorf (Germany)
International Business Office

2 Enzymaster (Ningbo)
Bio-Engineering Co., Ltd.
in Ningbo (China)
Headquarters



Since 2013, Enzymaster, a Sino-foreign joint venture, is your reliable provider of biocatalysis solutions.

We use our extensive experience in directed evolution to optimize enzymes for applications in pharmaceutical, food & feed, personal care and other industries.

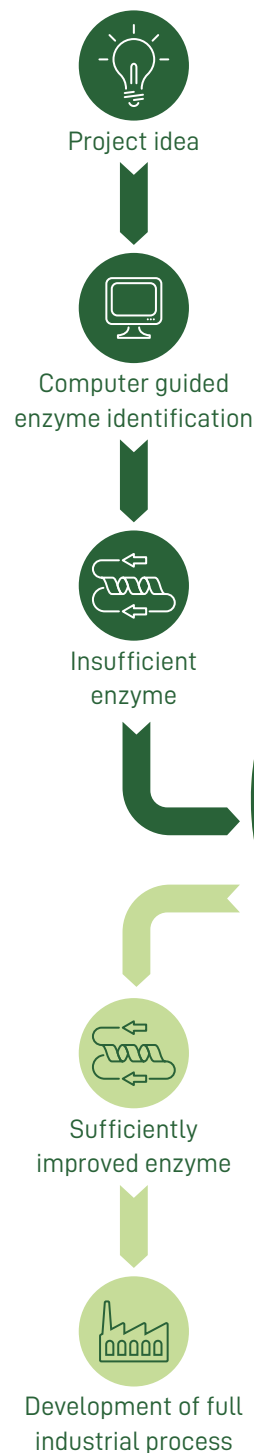
With our all-in-one service package, we walk our customers through the whole process, from first project idea to final commercialization.

We aim to contribute to a better societal and environmental future.



We develop innovative biocatalysts with unprecedented performance for enhanced and sustainable manufacturing.

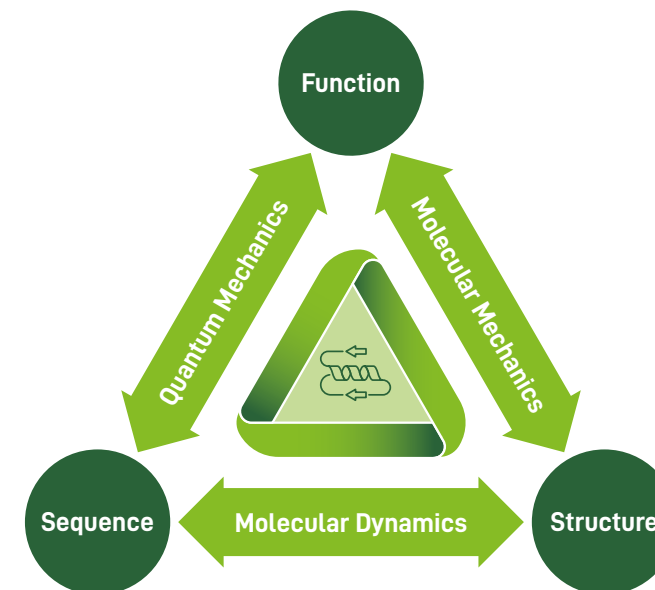
Comprehensive Enzyme Catalysis Service Offers



- Computer aided enzyme panel screening
- Computer aided enzyme optimization by directed evolution
- Biocatalytic process development
- Enzyme preparation development
- Manufacturing at scale

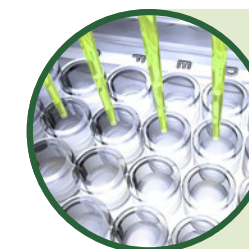
Our Enzymes Offer:

- High activity
- High selectivity
- High substrate loads
- Sustainability
- Step efficiency
- Low costs
- New IP generation



Smart Directed Evolution

Bioinformatics and big-data driven proprietary technology platform yields innovative high performance enzymes.



High Throughput

In silico screening under process conditions, allows unprecedented throughput and high sequence space coverage.



Full Insight Data

Small, smart libraries for *in vitro* process screening on HPLC & GC, reflecting all attributes of each enzyme variant.