



Exclusive Synthesis
for Crop Protection

DSM Exclusive Synthesis



DSM is a global life sciences and materials sciences company that develops innovative products, which contribute to quality of life. It brings corporate strength established through a century of strategic diversification, combined with the focus and flexibility at business unit levels to serve unique needs in specialized markets.

DSM Exclusive Synthesis is a global leader in providing custom manufacturing services for a wide range of markets, especially the crop protection industry. For customers, the journey with DSM represents a strong collaborative relationship, where the destination reflects our partner's individual aspirations. The path is fluid, with us providing whatever flexibility is required, but flows in one direction towards rapid deployment with optimized value.



Journey with

Custom Manufacturing

DSM Exclusive Synthesis offers extensive experience in the delivery of tailored solutions and an uncompromising commitment to life science markets, which guarantee optimal results to our customers.

Our custom manufacturing encompasses everything from advanced intermediates to highly complex active ingredients. For DSM, this is much more than just a laboratory challenge, we provide full service through all phases of the life cycle.

Our mission is to help our customers achieve profit by:

- :: Minimizing time-to-market
- :: Limiting capital base
- :: Optimizing costs

DSM Exclusive Synthesis takes pride in being fast, reliable, and flexible. We work with a wide range of specialized technologies, have highly skilled people, and can also leverage the comprehensive experience across the entire DSM group.

the right partner for custom manufacturing

Process Development

For decades, DSM Exclusive Synthesis has been dedicated to optimum performance in multi-step complex chemistry, especially working with hazardous materials. This continual endeavor results today in extraordinary process development skills, which mean we can guarantee process safety at highest level. We pay very serious attention to our responsibility to promote health and safety, and protection of the environment.

DSM Exclusive Synthesis is committed to continuous improvement in every process, focused on bringing total value to our customers.

Our unique expertise includes:

- :: Oxidation and reduction
- :: Continuous reactions / intensified process (micro reactor technology)
- :: Special reagents / hazardous materials
- :: Homogenous catalysis
- :: Biocatalysis
- :: Fermentation

Talk to DSM if you're searching for

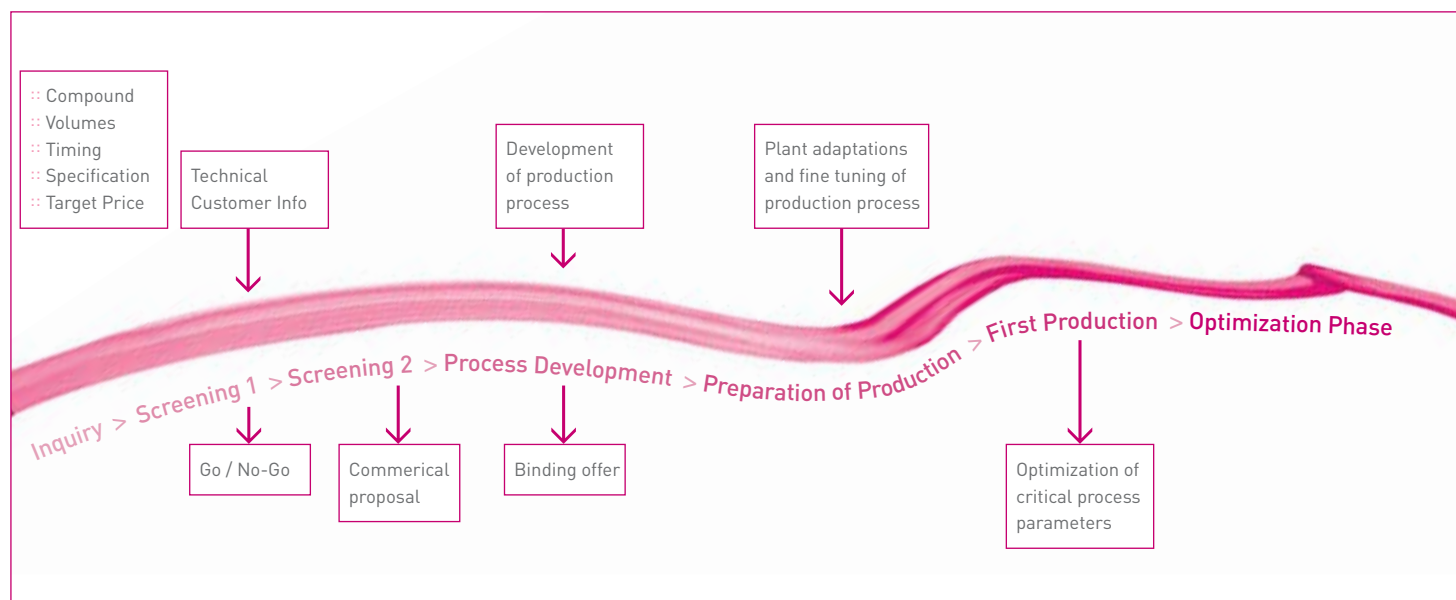
- :: Multi-step complex chemistry
- :: Process development
- :: Handling of hazardous materials
- :: Process safety

Project Management

DSM provides solutions that are tailored to the unique needs of each customer. These are implemented through effective project management, which is highlighted in the following flow chart.

Our business philosophy and principles include a commitment to rapid response and professional management of intellectual property.

- ⌘ First response within 5 business days
- ⌘ Ball park price within 10 business days
- ⌘ Quote within 15 business days



Partnership Approach

Our partnership approach means that we share responsibility and a close collaboration with our customer throughout research & development, scale-up, first production, and commercial production. We also provide support in the second generation. As a customer with DSM, you are continually involved, and can step in at any stage of the development process.



Unlimited. **DSM**

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