

Pharma Chemicals

Large Pharma Community

Many large pharma companies are seeking to focus on their most efficient and sustainable business processes of drug discovery and marketing of launched products. They are motivated to use efficient outsourcing of manufacturing and supply chain to accomplish this goal. DSM is well positioned to deliver the quality and security of supply demanded by the high-value products that constitute the basis of Large Pharma's profitability, while maintaining efficiency and competitiveness.

The incentive to outsource includes gains from eliminating manufacturing versus buying evaluations, reallocation of internal manufacturing assets, and replacement of fixed costs associated with plant facilities with outsourced variable costs. DSM operates some of the pharmaceutical market's premier plants for contract manufacturing and our facilities accompany an exceptional reputation for quality systems, customer service, and regulatory compliance. We offer the technology and expertise to deliver assurances on sustainability and value via a broad range of traditional chemistries and innovative green chemistry.

Regulatory Confidence

DSM's track record and reputation among regulatory bodies is exemplary. We share responsibility with our customers through our comprehensive regulatory service. For many products, we hold a Certificate of Sustainability of EDQM or a U.S. Drug Master File. Our approach and regular customer audits offer assurance and result in an easier path to market.

This level of performance and reputation is not only appealing to companies with new business to place, but also to those with existing products at outdated or unsuitable facilities. We have an extremely high degree of expertise throughout our personnel, and the resources and expertise to smooth the process of tech transfer for later-phase projects.

The information and data on this sheet is accurate to the best knowledge of DSM at the time of production. Please contact a DSM sales or customer service representative to verify the very latest capabilities, specifications and information. Copyright © 2011 DSM Pharma Chemicals Code 0210.

Pharma Chemicals

Green Chemistry Toolbox

One of the key developments in DSM's service to customers and sustainability as a long-term supplier is our implementation of a green chemistry toolbox. This reflects a number of approaches aimed at optimizing processes, reducing costs, and mitigating raw material usage and environmental impacts. Process intensification offers shorter and more efficient scale up, speeds up development, and drives down material costs.

An integrated approach is taken across chemistry, biotechnology, and process technology. This interdisciplinary route scouting identifies optimal synthesis routes often enabled by unique biocatalytic solutions at the earliest phase. As an alternative to traditional production, continuous micro reactor technology not only provides rapid solutions but also minimizes health, safety, and environmental concerns. For pharma chemicals, these approaches and technologies are centered at some of the most reputable plants in contract manufacturing, including the DSM site in Linz, Austria.

Green Chemistry: Efficient Reduction in Process Mass Intensity

- :: Broad chemical and biocatalytic tools reduce the number of steps in complex API synthesis
- :: Process intensification technology improves the space/time yield of many chemical reactions

Interdisciplinary Route Scouting

- :: Chemistry, biotechnology & process technology
- :: Optimal synthesis routes

Process Intensification

- :: Micro reactor technology
- :: Faster development
- :: More efficient scale up
- :: Fewer raw materials
- :: Reduced overall costs

Europe / Rest of World
DSM Pharma Chemicals
Operngasse 17-21
P.O. Box 119
1040 Vienna, Austria
Tel: +43 1 585 05 15 49
Email: info.dsmpharmachemicalseu@dsm.com

Multicustomer Products
Tel: +31 77 3899 331
Email: info.dsmmultipharma@dsm.com

North America
DSM Pharma Chemicals
45 Waterview Boulevard
Parsippany, NJ 07054-1298
USA
Tel: +1 973 257 8011
Email: info.dsmpharmachemicalsna@dsm.com

DSM Pharmaceutical Products
45 Waterview Boulevard
Parsippany, NJ 07054-1298
USA
www.dsmpharmachemicals.com