

Pharma Chemicals

# Sustainability

Years of experience serving the needs of large pharma, mid-size emerging pharma, and small to mid-size biotechs means DSM understands your individual business needs. We continually develop insights into how the pharma market will develop in the next 5–10 years, and we adapt our business to ensure we remain responsive and committed as it evolves.

There is a framework at DSM for sustainability with the corporate parent being a financially-strong, independent company with diversified global operations. As a life science and materials science-focused company, there is also ongoing long-term board commitment to pharmaceutical markets. In fact, 2009 saw DSM regain the #1 position in the global chemical sector of the Dow Jones Sustainability World Index\*.

Our position today, combined with our insight into future market trends, means DSM Pharma Chemicals is not only an exceptional partner today, but an enduring relationship for the long term among a likely streamlined contract manufacturing network.

\*The Dow Jones Sustainability World Index includes over 300 companies from 34 countries that rank among the top 10% for corporate sustainability in their industry.

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## Indicators in Sustainability Leadership

- :: Independent, financially-strong, diversified parent corporation
- :: Flexibility at business unit level to support the market
- :: Integrated, highly reputable pharmaceutical manufacturing facilities
- :: Leadership in technologies, including micro reactors
- :: Green chemistry tool box
  - :: process intensification
  - :: more efficient scale up
  - :: faster development
  - :: waste reduction
  - :: reduced raw material costs
  - :: cost efficiency
- :: Route scouting for optimal synthesis path
- :: Exemplary regulatory track record / reputation
- :: Robust, proven quality systems
- :: Integrated expertise across pharma chemicals, biopharmaceuticals, finished dosage

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DSM's technology and regulatory track record mean surety of quality and supply. When combined with the drive for cost-effective approaches, pharma companies can concentrate on their strengths—R&D, marketing, and sales—while achieving their strategic goals with competitive outsourcing of chemical manufacturing across the pharmaceutical life cycle.

DSM's leadership in technology supports sustainability and addresses the dilemmas facing the market. Large pharma companies are continually challenged with the question of how to best manage their supply network. We provide the capability to turn fixed costs into variable costs while retaining long-term security of supply, superior quality and exceptional regulatory compliance.

For emerging pharma companies and biotechs, we have the capabilities and stability necessary to successfully commercialize their products. DSM is committed to continuous innovation to provide ever more efficient and sustainable alternatives for the future of pharmaceutical manufacturing. In January 2010, DSM was the first non-pharma associate member to join the American Chemical Society Green Chemistry Institute® Pharmaceutical Roundtable.

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