

Our promise

What our customers can expect from us is expressed in our core promise.

Quality

Driving Quality to the next level

Our proprietary enzymatic technology, along with our world-class, high quality active pharmaceutical ingredients and finished dosage forms deliver tangible value to customers, in terms of high purity, use efficiency and our favourable storage parameters.

Reliability

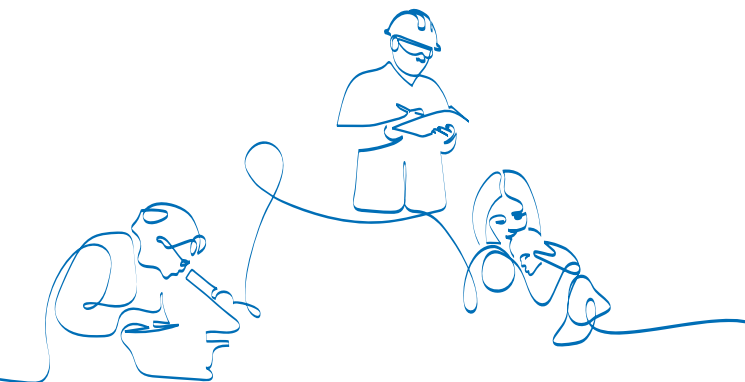
Our promise delivered

With over 75 years of experience in antibiotics, we are a well-established trusted business partner. We produce our key intermediates in-house. Our global backward integrated manufacturing setup safeguards security of supply for our customers.

Sustainability

Leading the way

Sustainability is at the heart of everything we do. We are an industry leader in the fight against antimicrobial resistance, actively working to minimise the release of our antibiotic residues into the environment. We work alongside partners such as the AMR Industry Alliance to encourage other manufacturers and supply chain partners to do the same.



About Centrient Pharmaceuticals

Centrient Pharmaceuticals is the leading manufacturer of beta-lactam antibiotics, and a provider of next generation statins and anti-fungals. As a business-to-business partner we produce and sell intermediates, active pharmaceutical ingredients and finished dosage forms. We stand proudly at the centre of modern healthcare, as a maker of essential and life-saving medicines.

With our commitment to Quality, Reliability and Sustainability at the heart of everything we do, our 2700 employees work continuously to meet our customers' needs. We work towards a sustainable future by actively participating in the fight against antimicrobial resistance.

Founded 150 years ago as the 'Nederlandsche Gist- en Spiritusfabriek', our company was known as Gist Brocades and more recently DSM Sinochem Pharmaceuticals. Headquartered in Rotterdam (the Netherlands), we have production facilities and sales offices in China, India, the Netherlands, Spain, Egypt, the United States and Mexico. Centrient Pharmaceuticals is wholly owned by Bain Capital Private Equity, a leading global private investment firm.

Contact and information

For more information, please visit centrient.com or email sales@centrient.com

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Active Pharmaceutical Ingredients Portfolio



Why choose Centrient Pharmaceuticals?

Unparalleled Product Strength

We are a pure business-to-business provider of generic active pharmaceutical ingredients and finished dosage forms, not marketing the finished products ourselves and therefore not competing with our customers in the end market.

We help to secure patient safety, by driving **Quality** to the next level. Our reputation for producing high-quality generic active pharmaceutical ingredients (APIs) is well known throughout our industry. Additionally, our business-to-business customers using our enzymatically produced APIs enjoy freedom to operate, as these technologies are protected by patents.

Another distinct differentiator for Centrient Pharmaceuticals comes from our ability to deliver product batch sizes larger than those considered standard within our industry. For our customers, this means that the number of tests needed for incoming batches can be reduced. Large batch sizes also reduce the amount of administrative work and utilisation of IT resources.

Solid Regulatory Support

Our Regulatory Affairs team ensures product approval by relevant authorities to comply with the highest standards. In addition, our team plays an important part in helping to maintain and raise the quality of medicines around the world, having contributed to many reference standards in the world's two leading pharmacopoeias.

Backward Integrated Offering

What sets Centrient Pharmaceuticals apart is our full backward integration and control of our supply chain along with our ability to produce and deliver our APIs from our own multiple production sources. This ensures security of supply for customers purchasing our APIs and finished dosage forms, delivering on our core promise of **Reliability**.

Beyond Standard Compliance

Quality at Centrient Pharmaceuticals means more than basic compliance with current Good Manufacturing Practices (cGMPs). We manufacture under a comprehensive set of Safety, Health and Environment (SHE) policies that go beyond cGMP and are applied globally - not only at all our locations but also to those of our manufacturing partners. Compliance at Centrient also extends to our commitment to **Sustainability** - ensuring responsible manufacturing at our own production sites.

Our Active Pharmaceutical Ingredients Portfolio

Penicillin G

Penicillin G potassium
Penicillin G procaine
Penicillin G procaine sterile
Penicillin G benzathine sterile*

Beta-lactam Intermediates

6-amino-penicillanic acid (6-APA)
7-amino-deacetoxycephalosporanic acid (7-ADCA)

Semi-Synthetic Penicillins

Purimox® Powder
(Amoxicillin trihydrate, powder)
Purimox® Powder Extra Dry
(Amoxicillin trihydrate, powder extra dry)
Purimox® Powder grade C
(Amoxicillin trihydrate, powder grade C)
Purimox® Powder grade E
(Amoxicillin trihydrate, powder grade E)
Purimox® Compacted grade DC
(Amoxicillin trihydrate, compacted grade DC)
Purimox® Compacted grade A
(Amoxicillin trihydrate, compacted grade A)
Purimox® Compacted grade P
(Amoxicillin trihydrate, compacted grade P)
Purimox® Fine
(Amoxicillin trihydrate, fine)
Purimox® HBD
(Amoxicillin trihydrate, high bulk density)
Puricillin® Powder
(Ampicillin trihydrate, powder)
Puricillin® Powder grade X
(Ampicillin trihydrate, powder grade X)
Puricillin® Compacted grade A
(Ampicillin trihydrate, compacted grade A)

Isoxazoles

Cloxacillin Sodium compacted
Cloxacillin Sodium powder
Dicloxacillin Sodium compacted
Flucloxacillin Sodium compacted
Flucloxacillin Sodium powder
Oxacillin Sodium monohydrate compacted

Semi-Synthetic Cephalosporins

Purilex® Compacted
(Cephalexin monohydrate, compacted)
Purilex® Powder
(Cephalexin monohydrate, powder)
Puridrox® Compacted
(Cefadroxil monohydrate, compacted)
Puridrox® Powder
(Cefadroxil monohydrate, powder)
Puridin® Compacted
(Cefradine, compacted)
Puridin® Powder
(Cefradine, powder)
Puriclor® Powder
(Cefaclor, powder)
Cefprozil Powder
Cefprozil Compacted

Statins

Atorvastatin
(Atorvastatin calcium trihydrate)
Rosuvastatin
(Rosuvastatin calcium)
Pitavastatin*

Anti-Fungals

Nystatin Powder
Nystatin Micronized
Nystatin Mycellium

PureActives The enzymatic difference



Our PureActives are manufactured using our patented enzymatic technology. This enzymatic platform completely replaces the traditional 13-step antibiotic production process with natural processes that eliminate the use of solvents or other chemicals. As well, the majority of the chemical steps in producing our statins have been replaced with enzymatic processes.

We take pride in knowing that our PureActives are the world's purest and most environmentally friendly produced APIs and finished dosage forms.

* in development

Our promise

Our commitment to Quality, Reliability and Sustainability is at the heart of everything we do.

Quality

Driving Quality to the next level

Our proprietary enzymatic platform along with our world-class, high-quality active pharmaceutical ingredients and finished dosage forms deliver tangible value to customers, such as high purity, use efficiency and favourable storage parameters.

Reliability

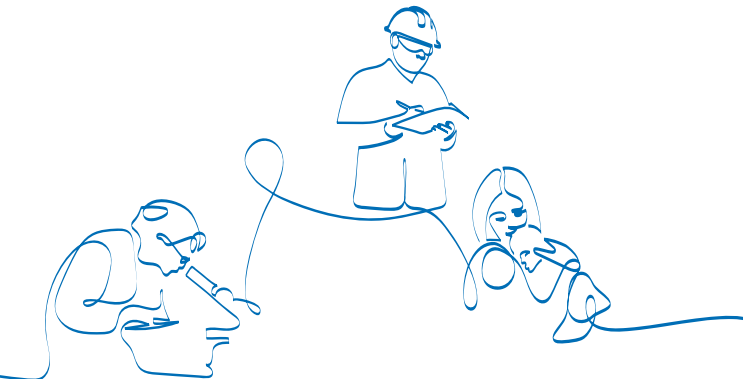
Our promise delivered

With over 75 years of experience in antibiotics, we are a well-established trusted business partner. We produce our key intermediates in-house. Our global backward integrated manufacturing setup safeguards security of supply for our customers.

Sustainability

Leading the way

Centrient a founding member of the AMR Industry Alliance - uniting the antibiotics industry in the fight against antimicrobial resistance -, and a member of the Pharmaceutical Supply Chain Initiative (PSCI) and Medicines for Europe to help drive sustainable supply chains for medicines and increase access to antibiotics as essential medicines.



About Centrient Pharmaceuticals

Centrient Pharmaceuticals (Centrient) is the global business-to-business leader in sustainable, enzymatic antibiotics, next-generation statins, and anti-fungals. We are a pharmaceutical company with a clear purpose: to improve lives through innovative and sustainable manufacturing of medicines - saving the lives of millions of people around the world annually.

We produce and sell intermediates and active pharmaceutical ingredients (APIs), as well as finished dosage forms (FDFs). Driven by our Purpose and Sustainability through our Environmental, Social and Governance (ESG) Vision, we aim to create value for Centrient and our stakeholders.

Headquartered in Rijswijk, the Netherlands, Centrient has production facilities and sales offices in China, India, the Netherlands, Spain, the United States and Mexico. Centrient is owned by Bain Capital Private Equity, a leading global private investment firm.

Contact and information

For more information, please visit centrient.com or email licensing@centrient.com

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Finished Dosage Forms Portfolio



Why work with Centrient Pharmaceuticals?

Your success is our success

Centrient Pharmaceuticals is a business-to-business provider of generics FDFs, not marketing the products ourselves. Therefore, we do not compete with our customers in the end market. All our dossiers are readily available for out-licensing to our partners worldwide.

European-based production facilities and supply chain

We work primarily with Europe-based FDFs manufacturers. Customers can be confident that the origin, traceability, and quality of our products are impeccable. We offer a dual sourcing strategy and procurement excellence for our third-party-produced APIs.

Proactive QA, RA and artwork services

With our extensive regulatory and quality assurance know-how and services, doing business with us enables you to focus on what truly counts: your business and your customers.

Reliable supply chain via backward integration

We provide intermediates, active pharmaceutical ingredients (APIs) and finished dosage forms based on our backward integrated global manufacturing capabilities. As a member of the Pharmaceutical Supply Chain Initiative, we ensure our supply chain is of the highest standards.

Leading the way in responsible production











We operate dedicated wastewater treatments plants 24/7/365 at our manufacturing sites and apply antimicrobial activity testing to ensure disposed water is clean.

PureActives® – the enzymatic difference

Our patented enzymatic platform completely replaces the traditional 13-step antibiotic production process with natural processes that eliminate the use of solvents or other chemicals.

Our Finished Dosage Forms Portfolio



Molecule	Dosage form	Strength	EU-CTD*	Climatic Zone IV
Beta-lactam Antibiotics 				
Amoxicillin	 Hard capsule	500 mg	✓	-
	 Tablet (Dispersible)	500 mg 750 mg 1,000 mg	✓	-
	 Powder for oral suspension	125 mg / 5 ml 250 mg / 5 ml 500 mg / 5 ml	✓	-
Amoxicillin + Clavulanic acid	 Film-coated tablet	250 mg + 125 mg (2:1) 500 mg + 125 mg (4:1) 875 mg + 125 mg (7:1)	✓	ongoing
		500 mg + 62.5 mg (8:1)		-
	 Powder for oral suspension	125 mg + 31.25 mg (4:1) / 5ml 250 mg + 62.5 mg (4:1) / 5ml 400 mg + 57 mg (7:1) / 5ml 600 mg + 42.9 mg (14:1) / 5ml	✓	✓
		200 mg + 28.5 mg (7:1) / 5ml	✓	under development
500 mg + 62.5 mg (8:1) / 5ml		✓	-	
 Powder for oral suspension in sachet	500 mg + 125 mg (4:1) 875 mg + 125 mg (7:1) 1,000 mg + 125 mg (8:1)	✓	-	
Statins				
Atorvastatin	 Film-coated tablet	10 mg 20 mg 40 mg 80 mg	✓	✓
		30mg 60mg	✓	-
Rosuvastatin	 Film-coated tablet	5 mg 10 mg 20 mg 40 mg	✓	✓
Anti-Fungals				
Caspofungin	 Powder concentrate for infusion solution	50 mg 70 mg	✓	NA – Cold Chain

*Dossiers available for world-wide filing. Availability of dossiers is dependent on local regulatory requirements