



## Polyethylenimines (PEI) & Polyoxazolines (POx)

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cGMP  
Process development  
Analytical method development  
Commercial manufacturing  
Documentation and release certificates

*Your partner for transfection reagents*

## About ChemCon

ChemCon is a custom development and manufacturing organization with a wide chemistry expertise. The core part of our business lies on the process development and cGMP-compliant small- to medium-scale production of active pharmaceutical ingredients (APIs). Customers worldwide use our products as material for all phases of clinical trials as well as commercial drug substances for various applications. ChemCon's multidisciplinary team of PhD chemists covers comprehensive competences in cGMP-compliant chemistry:

- small-molecule organic chemistry
- inorganic chemistry
- polymer chemistry
- purification/derivatization of natural products

Beside APIs, we produce transfection reagents, excipients, diagnostics, reference standards, and specialty chemicals to your specification requirements.

### + *cGMP Polymer Synthesis & Analytics*

Polyethylenimines (PEI) and Polyoxazolines (POx) are two substance classes that can be used as transfection reagents and have therefore increasingly been in the focus of the pharma industry during past years.

ChemCon's polymer experts deal intensively with the optimization of production processes and the associated analytics. By varying chemical structural parameters such as the chain length, the degree of crosslinking and the substituents, the properties of these polymers can be significantly influenced. The optimization of process parameters during synthesis is also part of ChemCon's extensive knowledge.

Our comprehensive services include:

- establishment of a synthesis process
- seamless scale-up from g to multi kg
- transfer from R&D to cGMP
- analytical method development and validation
- material supply for clinical trials
- process validation and manufacturing of registration batches
- commercial routine supply (grams to hundreds of kilograms per year)

### + *Transfer from R&D to GMP*

ChemCon takes on projects at any stage of development. Our key competence is the customized transfer of individual projects into cGMP-compliant manufacturing processes. A modular development concept ensures transparency and cost efficiency throughout the entire course of the project: from R&D to commercial routine supply under one roof. ChemCon is looking back on more than twenty-five years of experience and is manufacturing for multiple active DMFs.

### + *Quality control and quality assurance*

ChemCon's full in-house analytical services and quality control experts ensure highest quality and accurate cGMP documentation. Our quality assurance and regulatory affairs team assist you with comprehensive regulatory support – from the sourcing of the starting material all the way to the correct regulated shipment of your released product.

ChemCon has been inspected by the FDA and regional German authorities numerous times without deficiency.