

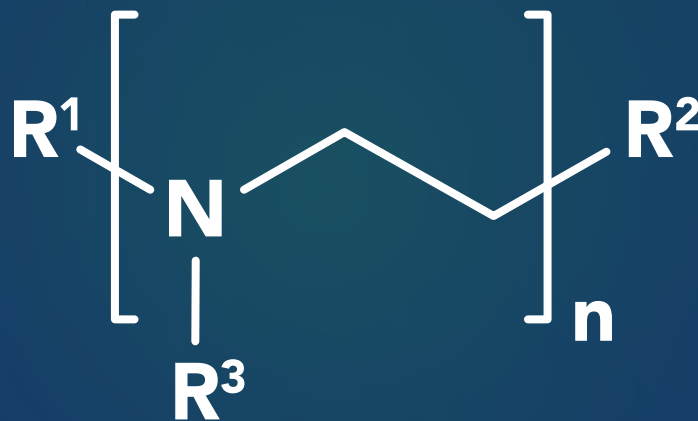
Your Good  
Manufacturing Partner  
from the Black Forest.



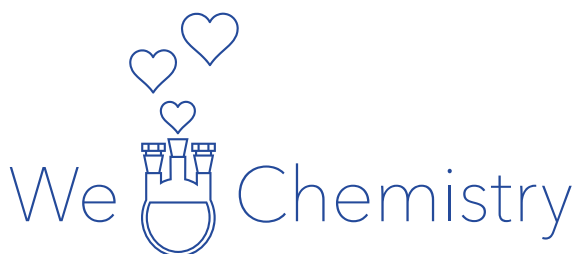
# Highest quality polymers for your application!

ChemCon is THE producer of PEI and POx under GMP conditions.

## POLYETHYLENIMINE (PEI)



## POLYOXAZOLINE (POx)



ChemCon has been synthesizing customized linear and branched **Polyethylenimines (PEI)** and **Poly(2-alkyl-2-oxazoline)s (POx)** for many years.

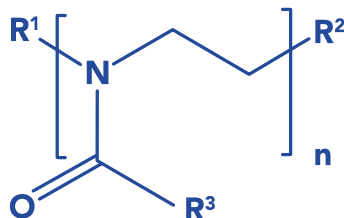
We can adjust the polymer to suit **your needs the best:**  
**From research and development all the way to the cGMP compliant manufacturing process.**



## Variables

We precisely adjust different variables to **customize** your polymer:

- chain length
- molecular weight distribution
- substitution grade
- functionalization
- variation of n-alkyl groups
- variation of end groups
- others



## Analytics

We offer you **sophisticated analytics** paired with the knowledge of our **analytic experts:**

- GPC
- HPLC
- IR
- NMR
- and many more!

## GMP

We are able to produce under **full GMP** and also for **use in different medical devices.**

We have been inspected 5 times by the **FDA** as well as 16 times by German authorities without any deficiencies.



## Examples of Poly(2-oxazoline)s

R <sup>1</sup>	R <sup>2</sup>	R <sup>3</sup>	n
-CH <sub>3</sub>	-N <sub>3</sub>	-CH <sub>3</sub>	50-300
-CH <sub>3</sub>	-N <sub>3</sub>	-C <sub>2</sub> H <sub>5</sub>	50-300
-CH <sub>3</sub>	-NH <sub>2</sub>	-CH <sub>3</sub>	50-300
-CH <sub>3</sub>	-NH <sub>2</sub>	-C <sub>2</sub> H <sub>5</sub>	50-300
-CH <sub>3</sub>	Succinyl	-CH <sub>3</sub>	50-300
-CH <sub>3</sub>	Succinyl	-C <sub>2</sub> H <sub>5</sub>	50-300
-CH <sub>3</sub>	1-Piperidinyll	-CH <sub>3</sub>	50-300
-CH <sub>3</sub>	1-Piperidinyll	-C <sub>2</sub> H <sub>5</sub>	50-300
Carboxymethyl	-N <sub>3</sub>	-CH <sub>3</sub>	50-300
Carboxymethyl	-N <sub>3</sub>	-C <sub>2</sub> H <sub>5</sub>	50-300
Carboxymethyl	Succinyl	-CH <sub>3</sub>	50-300
Carboxymethyl	Succinyl	-C <sub>2</sub> H <sub>5</sub>	50-300
Carboxymethyl	1-Piperidinyll	-CH <sub>3</sub>	50-300
Carboxymethyl	1-Piperidinyll	-C <sub>2</sub> H <sub>5</sub>	50-300

## About ChemCon

- We love Chemistry! This is why we excel in different chemical disciplines. As **CDMO** we are looking forward to your challenge!
- As custom research and manufacturing partner we specialize in **small** to **medium** scale production.
- Our products are used **worldwide** in clinical trial phases and **commercial drug substances**.
- For orphan diseases, oncology, dermatology and many more!
- We offer you state-of-the art **analytics of APIs**.
- Our production facilities are optimised for exclusive and generic product synthesis technically and under GMP.
- Your Good Manufacturing Partner from the Black Forest!



## Get in touch!

To learn how you can start the process of creating your own customized polymer.  
[www.chemcon.com/en/products/polymers](http://www.chemcon.com/en/products/polymers)

