






## Dudley, Cramlington, UK

API development and manufacturing expertise to support your product from grams to tonnes

### Cramlington at a glance

 <p>Opened in <b>1969</b></p>	 <p><b>600+</b> employees</p>	 <p><b>90+</b> molecules</p>	 <p><b>42</b> acre site</p>	 <p>Approved for Schedule <b>1 to 3</b> <b>controlled substances</b></p>
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## Comprehensive services for a wide range of project requirements

The Cramlington facility delivers specialised expertise in a broad range of technical areas to support a variety of project challenges.

### Some of our key services include:

- Analytical chemistry
- Solid state chemistry
- Flow chemistry
- Controlled substances
- Fluorination
- Biocatalysis
- Cryogenics
- Hydroxylamine
- Organometallic
- Freidel craft
- Carobonylation
- Milling and micronisation
- Hydrogenation
- Biological waste treatment



## State-of-the-art equipment to maximise your success

Sterling's Cramlington site is home to an array of specialised equipment to handle development, scale-up, and manufacturing, as well as the complex chemistries involved along the way.

### Some of the equipment and facilities we have on site at Cramlington include:

#### Research and Development Centre, including:

- CGMP kilo lab facilities at 10, 20, 25 and 50 litres for clinical and commercial API batches up to ~5kg
- 10 and 20 litre small scale cGMP hydrogenation equipment
- Full range of supporting analytical services including LCMS, XRPD, ICPMS and NMR
- 32 fume hoods
- World-class hazard evaluation laboratory

#### 1,200-13,500 litre scale manufacturing facilities, including:

- USP purified water system
- Range of filter dryers centrifuges and blender driers
- High vacuum WFE/SPE unit

#### 200-1,300 litre scale Pilot Plant, including:

- Six independent, highly flexible reactor bays
- Range of Aurora filters, filter dryers, centrifuges and tray driers
- Biotage chromatographic purification unit
- High vacuum WFE/SPE unit and high temperature fractionating unit

#### Material Science Centre, including:

- Six ISO class 8 cleanrooms, housing up to four discreet milling and micronisation systems
- Fully equipped analytical laboratory, solid form laboratory and write-up area

Sterling's Cramlington, UK site has more than 50 years of expertise in complex and hazardous chemistry. Home to a dedicated Research and Development Centre, state-of-the-art Pilot Plant, a purpose-built Material Science Centre and more, the Cramlington facility supports a wide range of API development and manufacturing requirements while prioritising environmental sustainability. **Here are some of the things you should know about our Cramlington facility.**



### World-class facilities

First opened in 1969, our Cramlington facility has significantly expanded to accommodate new technologies and capabilities. **In addition to providing specialised equipment for analysis, process development, manufacturing, and more, this facility delivers the asset flexibility needed to adapt to customers' specific project objectives.**



### Experienced team members

Our team at Cramlington consists of more than 600 people. **With backgrounds in analytical chemistry, organic chemistry, HSE, engineering, business development and much more, our team provides expertise to support a diverse range of technical requirements.**



### Continued innovation

Sterling continues to invest in the Cramlington site to support increased capacity, new capabilities, and additional expertise. **Through our Technology and Innovation Programme, we continue to explore and apply new technologies and capabilities such as biocatalysis and flow chemistry. We aim to bring new advantages to customers through continued innovation and digitalisation.**



### Quality, care and compliance

Our Cramlington site offers cGMP manufacturing capabilities and has an impressive track record in regulatory inspections from the MHRA, FDA and PMDA. **We are also committed to protecting our planet, with an on-site biological waste treatment plant, combined heat and power plant, energy-efficient lighting and other ongoing environmental, social and governance efforts.**

## More than a traditional CDMO.

At Sterling, we are committed to working in true scientific partnership with our customers to fully understand their project requirements and maximise their success. That's why we are a PDMO®, or partnership development and manufacturing organisation. This means:



#### Service

We pride ourselves on being easy to do business with, removing layers of complexity, maximising flexibility and scalability to your requirements, and doing what we say we will do, again and again.



#### Passion

We promise to treat your molecule as our own, drive progress by continually exploring new and emerging capabilities, and do the right thing for our people and planet.



#### Science

We combine our expertise in complex and hazardous chemistry, our world-class facilities and our full-lifecycle capabilities to place scientific excellence at the core of every solution we deliver.

Ready to work with a partner who can support your project at every stage?

Visit [sterlingpharmasolutions.com](https://sterlingpharmasolutions.com) to learn more and take a virtual tour of the Dudley, Cramlington, UK site.



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