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# SOLVED WITH

CHEMISTRY & CONVICTION



## Small Molecule API – Take a big picture approach to small molecules

Ensure that you always have the exact resources and expertise you need, especially for your most difficult to manufacture compounds. With Patheon you'll have access to a vast array of small molecule API capabilities in Europe and the United States. Reactors ranging from 30 L up to 24,000L, comprehensive analytical services and expertise in all the chemistries you expect, as well as many unique solutions and innovative technologies you won't find anywhere else. It's a big-picture approach that delivers high-quality API via a seamlessly scalable process that will rapidly achieve your goals at each phase of development while laying a sound foundation for your future success.

### Technical Capabilities

**Microreactor Flow Chemistry:** Get the efficiency, flexibility and scalability of the lab of tomorrow made reliable at commercial scale today only from Patheon.

**Hydrogenation:** Leverage this high-yielding, environmentally friendly reduction reaction at any scale with an exceptionally wide selection of process technologies and reaction systems.

**Advanced Catalysis:** Bring feasibility to more of your most challenging discoveries and most complex processes with access to interdisciplinary route scouting, 2,000+ enzymes, proprietary biocatalytic processes and scale-up timelines reduced from years to months.

**Polymers:** Create completely unique products by combining proprietary process technologies, polymer science, advanced synthesis and large-scale cGMP production expertise.

**Cryogenic Manufacturing:** Access low-temperature capabilities down to -85 °C in 200 L – 2,000 L reactors.

**High-Pressure Manufacturing:** Take advantage of 1,000 psi high-pressure processing, including hydrogenation, at 200 L and 2,000 L scales.

**β-Lactam:** Produce β-lactam antibiotics at precisely the small scale you require.

**High-Potency Compounds:** Minimize your risks by pursuing highly potent compounds, such as cytotoxics, in facilities featuring the latest safety infrastructure.

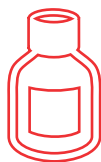
**Controlled Substances:** Gain the flexibility of having access to a global network of facilities that are fully licensed by the DEA.

# Portfolio of APIs and intermediates

High-quality APIs and intermediates made in the same facilities, and to the same stringent standards, as our custom manufacturing projects. These are common building blocks for pharmaceuticals made with an uncommon level of precision. Companies that understand the difference between price and value know pharmaceuticals will only be as good as their chemical components.

Rather than exposing your project to the risks of commoditized materials, source from a reputable partner you know. Whether you need a kilo for an in-house project or barrel after barrel for a commercial project, with Patheon, you can rely upon this portfolio of APIs and intermediates to make your products their best, and simplify your supply chain.

- **NeoBr**  
CAS RN: 114-80-7  
Neostigmine Bromide
- **NeoMS**  
CAS RN: 51-60-5  
Neostigmine Methylsulfate
- **P1DR**  
CAS RN: 108-73-6  
Phloroglucinol Anhydrous
- **P1B**  
CAS RN: 6099-90-7  
Phloroglucinol Dihydrate
- **PyrBr**  
CAS RN: 101-26-8  
Pyridostigmine Bromide
- **SSD**  
CAS RN: 22199-08-2  
Silver Sulfadiazine
- **TMB Milled Flakes**  
CAS RN: 621-23-8  
1,3,5-Trimethoxybenzene Milled Flakes
- **CREA**  
CAS RN: 60-27-5  
Creatinine
- **GF**  
CAS RN: 5464-28-8/4740-78-7  
Glycerol formal – EKT
- **Moclobemide**  
CAS RN: 71320-77-9
- **Flucytosine**  
CAS RN: 2022-85-7
- **Acitretin**  
CAS RN: 55079-83-9
- **Colesevelam**  
CAS RN: 182815-44-7
- **Clodronate disodium**  
CAS: 22560-50-5



**70 commercial  
API products supplied**



**More than 75% of  
our clients are emerging  
or midsize**