

Having trouble finding a CRO/CMO that:

- ✓ Understands your drug development needs?
- ✓ Operates a cGMP and GMP lab?
- ✓ Has over 100 years of combined chemistry experience?
- ✓ Will help you control cost and research time with competitive prices and professional staff?
- ✓ Protects their clients' Intellectual Properties?

For more information contact us via email or telephone.

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WE FOCUS ON DOING CHEMISTRY

Chemo Dynamics is a US based CRO/CMO with over five decades of research knowledge and reputation for producing high quality products with efficient and fast turnaround times. Chemo Dynamics was incorporated in 1960. In 2009, we installed our cGMP lab and in 2011 upgraded our facility with additional state-of-the-art GC-MS, LC-MS & NMR equipment to serve existing and new customers.

We offer research, analytical services and small quantity manufacturing to pharmaceutical companies during drug discovery, testing and clinical trial periods. We possess strong capabilities and expertise in the areas of diabetic care, oncology, metabolic, cardiovascular, eye treatment (glaucoma) and Alzheimer and obesity.

Our services are segmented into two main categories – CRO and CMO

Contract Research Organization Services (CRO)

- Custom non-GMP Synthesis
- cGMP Synthesis
- Contract Research
- Medicinal Chemistry
- Process Chemistry
- Route Scouting
- Analytical Method Development
- Clinical Phase I & II Studies
- Controlled Substances

Contract Management Organization Services (CMO)

- Scale up and Kg Scale Production
- Custom and Toll Manufacturing
- Back end Supplier
- Stability Studies

Additional Capabilities

Chemo Dynamics has exhibited the flexibility and knowledge to tackle difficult research projects and recommend alternative solutions to our customers. We offer our customers a robust suite of services and solutions categorized as follows:

CHEMISTRY CAPABILITIES

- Crown Ether Chemistry
- Calix-arenes
- Dyes
- Polymer Chemistry
- Peptide Chemistry
- Prostaglandin Chemistry
- Enzymatic synthesis
- Multi-step Organic Synthesis
- Heterocyclic Compounds
- Pyrimidines
- Imidazoles
- Indoles
- Steroids
- Small Peptides
- Amino Acids
- Carbohydrates
- Chiral Compounds
- Organometallics

REACTION CAPABILITIES

- Asymmetric Synthesis
- Enzymatic Synthesis
- Hydrogenation to 2000 psi
- Organometallics
- Ortho-lithiations
- Silane Polymerizations
- Most Named Reactions
- -78 C° to 200 C°

cGMP CAPABILITIES

- Class 100,000 Isolated Suites
- Dedicated Equipment
- Fully validated Systems
- Epoxy Coated Surfaces
- Vacuum drying capability
- 20 L Rotary Evaporator
- HEPA-filtered, once through air
- Raw material and product quarantine areas
- 8 ft & 12 ft walk-in hood in separate rooms
- Upto 100L Glass Reactor & 100L Glass Extractor

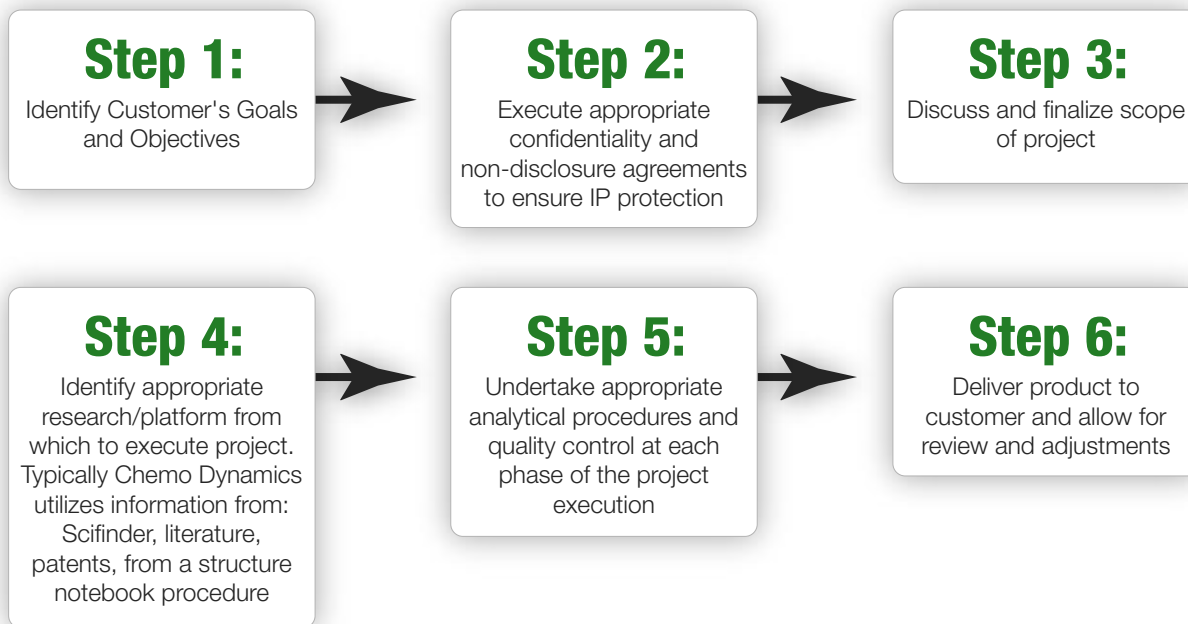
ANALYTICAL CAPABILITIES

- GC (Two HP 6890 Series Auto samplers)
- UV-Vis Spectrophotometer (Shimadzu Pharmaspec UV-1700)
- Karl Fischer Titrator (Metrohm 701KF Titrino)
- FTIR (Nicolet iS10 Series)
- HPLC (Two HP1100 Series Auto samplers)
- 1 Photodiode array detector, 1 variable UV detector)
- Varian multiprobe NMR
- Mercury Consol
- 2D Capability
- Shimadzu GC/MS
- Polarimeter (Jasco P-1020)

SPECIALIZED CAPABILITIES

- Antibiotics
- Antidiabetics
- Neuroprotectant
- Benzazepine Precursor
- Anticancer
- Diagnostic and Laser Dyes
- Prostaglandins
- Crown Ethers
- Antivirals
- DMCP & DCMP Protected Aminoacids for Peptide Synthesis
- High Purity Oleic Acid for Transdermal Applications
- Controlled Substances

HOW DO WE MANAGE YOUR PROJECT – 6 Step Approach



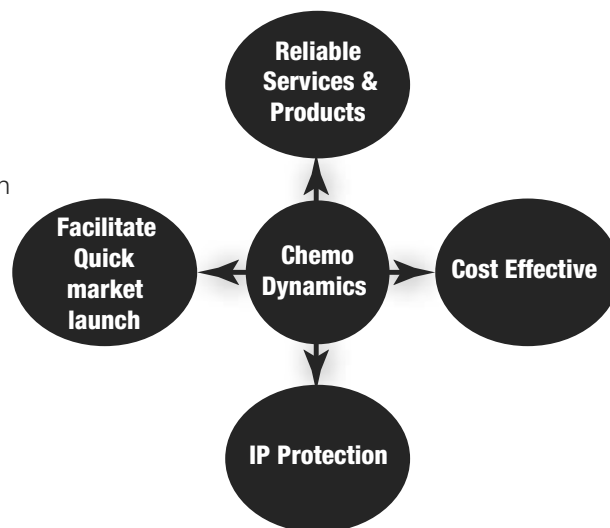
Chemo Dynamics Competitive Edge

Strong Experience & Knowledge Base

- Quality, accountability, IP protection and quick turnaround
- Global perspective with combined organic chemistry research experience of over 100
- Successfully synthesized more than 10,000 compounds

High Standard Facilities & Competitive Pricing

- Adequate facilities that meet regulatory standards
- Licensed to handle control substances
- Competitive pricing



Our Diverse team of Chemists

The Chemo Dynamics team has combined organic chemistry expertise spanning over 100 years. Our team members maintain high level training and doctoral qualifications.

Contact us for more information at office@chemodynamics.com