



The newly renovated 7,500 sq. ft. state of the art development facility offers the latest in research technology.

- 4 formulation process development rooms
- a clean room for small scale GMP manufacturing
- spacious chemistry laboratory area for formulation/analytical development and routine stability testing
- a safe and cages for controlled substance storage
- a new Safeway water system which produces RO/DI and UV sterilized water
- Caron Stability chambers for 25°C/60%RH, 30°C/65%RH and 40°C/75%RH storage conditions
- Secure facility: Bravado's state of the art ADT security system is installed with motion detectors and high-resolution cameras with continuous backup

CONTACT US TODAY!

813-991-4100

Bmcmillan@bravapharm.com

**4212 Cypress Gulch Drive
Lutz, FL 33559**



Bring your product development needs to us

For a unique opportunity, do something outside the realm of 'The Current Grand Design'



CAPABILITIES

PREFORMULATION SERVICES

- API Physical and Chemical Characterization
- Excipient Compatibility Studies
- Particle Size Distribution
- Polymorph screen studies
- Partition coefficient studies
- Thermal analysis interpretation

FORMULATION DEVELOPMENT STUDIES

- High Shear wet granulation
- Fluid Bed top/bottom spray wet granulation
- Fluid Bed drying multiple units
- Dry Granulation/Roller compaction
- V-shell dry blending
- Octagonal Bin tumbler dry blending
- Encapsulation via various techniques
- Tablet Coating
- Bi-layer tableting with micro-tablet capabilities
- Lyophilization capability

FORMULATION SUPPORT AND ANALYTICAL DEVELOPMENT

- Analytical method development for stability indicating methods via HPLC
- Stability storage at ICH condition
- Stability studies conducted under protocol with stability calendars
- Custom conditions can be utilized at client request

PILOT SCALE AND CLINICAL MANUFACTURING

- Solid oral (tablet, capsule) multi-layer and micro.
- Capsules in both solid fill and multi-particulate.
- Micro-tablets in capsules
- Liquid oral (solution, suspension and emulsions)
- Topical (lotions, ointments, creams and gels)

Our Team

Bravado President & CEO Brian McMillan is a Pharmaceutical Development Scientist with over 25 years of analytical and formulation development experience, and MDS Pharma Services as well as co-founder and CTO of CoreRx Inc. McMillan specializes in developing multi-layer tablet dosage forms, combination products, and bio-availability enhancement utilizing complexation and solid-state dispersion. Brian has also developed over 200 ophthalmic, solid oral, liquid oral, semi-solid, parenteral, and topical dosage forms over the course of his career.

Our team has years of clinical and commercial GMP manufacturing, product development, method development, development testing, method validation, and logistical project management.



OUR GOAL

Our goal as a small company is to work on an individual basis with each of our clients. This platform offers us the opportunity to complete projects more efficiently and effectively without interruption. Our senior management team has years of experience in the contract development arena.

THE OUTCOME

We strive to be a unique company from the products we develop to the relationships we form with our clients. This symbiotic relationship built between company and client will cultivate creativity and success. Our clients will have the ability to reach senior management at any time during the development process.