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We are here
to serve you!



Staff



Bridge Organics Confidential

We are here to serve you!

- Highly experienced employees
 - Proven track record
 - “Can Do” attitude

Company Profile

- **Approximately 20 employees**
- **PhD, MS, BS scientists, operators**
- **Chemical material preparations**
- **Process development work**
- **Stable label preparations**
- **100 – 150 projects per year**
- **Non-GMP facility**

Safety First!

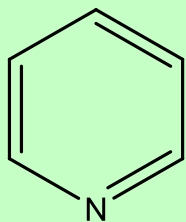
- **RC1, Reaction Calorimetry**
- **DSC, Scanning Calorimetry**
- **TGA, Thermal Gravimetric Analysis**
- **Process Safety Review**

Familiar Reactions

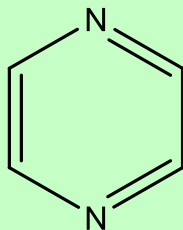
- Halogenations
- Hydrogenations
- Hydride reductions
- Acid chloride formation
- Lithiations
- Ozonolysis
- Swern, Tempco oxidations
- Low temperature reactions

Chemical Specialties

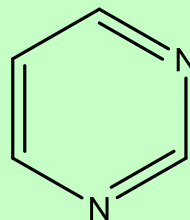
- Derivatives of Pyridine, Others



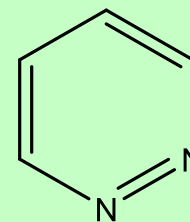
Pyridine



Pyrazine



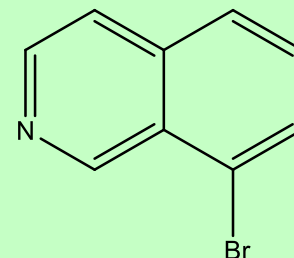
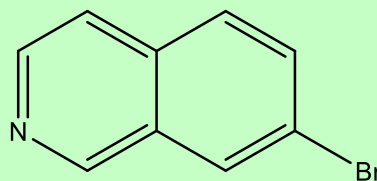
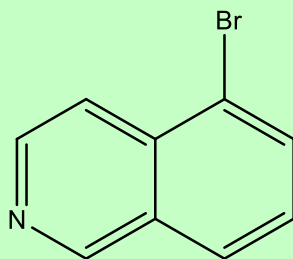
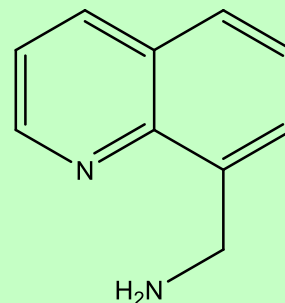
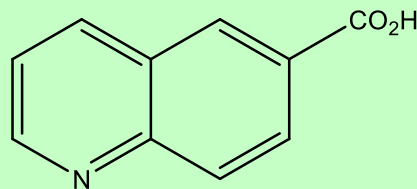
Pyrimidine



Pyridazine

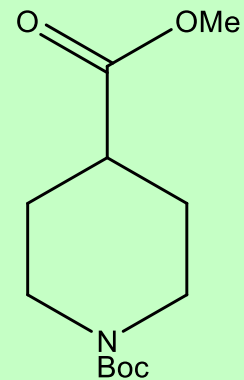
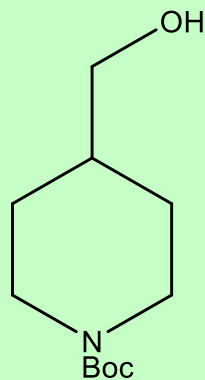
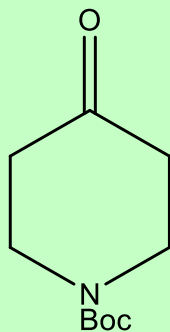
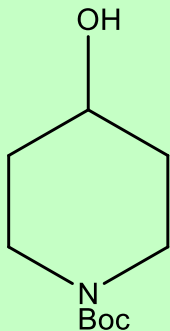
Chemical Specialties

- Quinolines, Isoquinolines



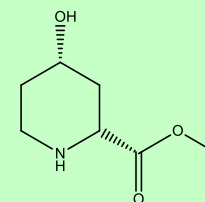
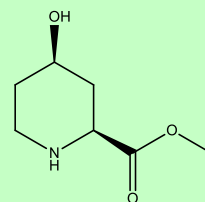
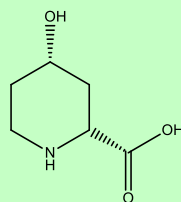
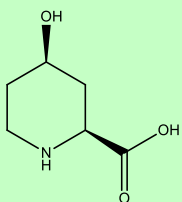
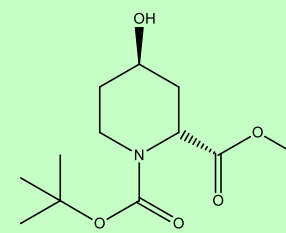
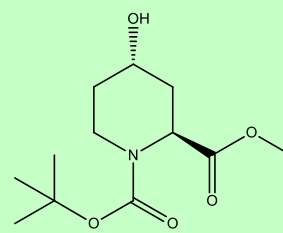
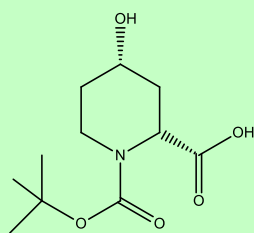
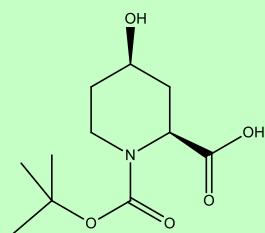
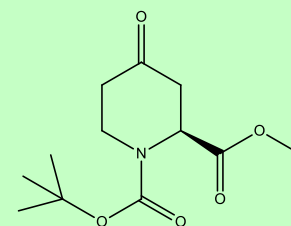
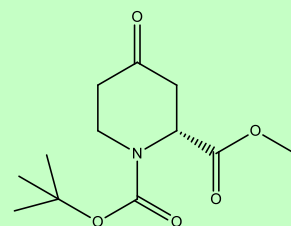
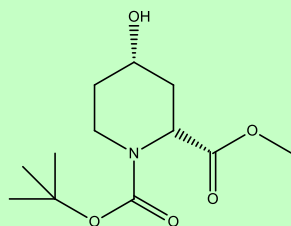
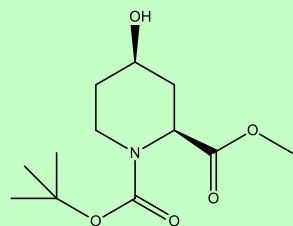
Chemical Specialties

- Piperidines, piperidones



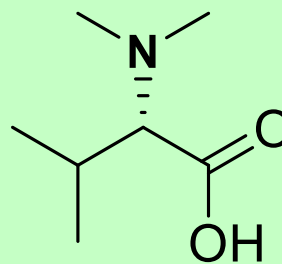
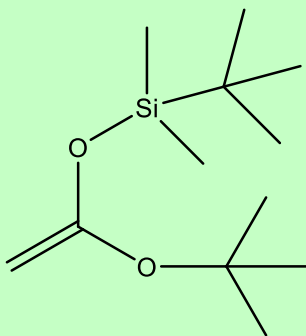
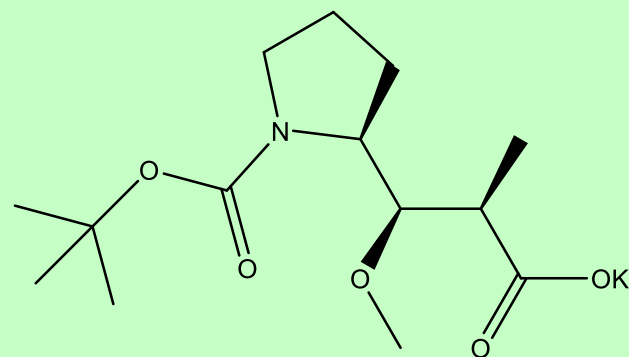
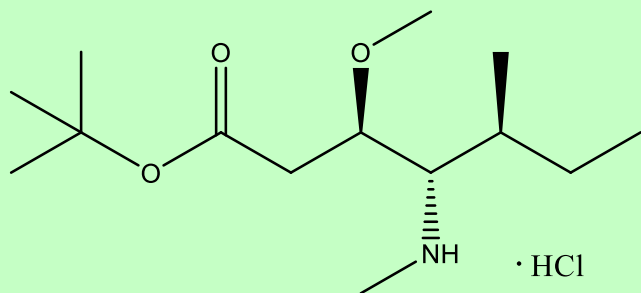
Specialties

- Chiral Pipecolic Acids and Esters



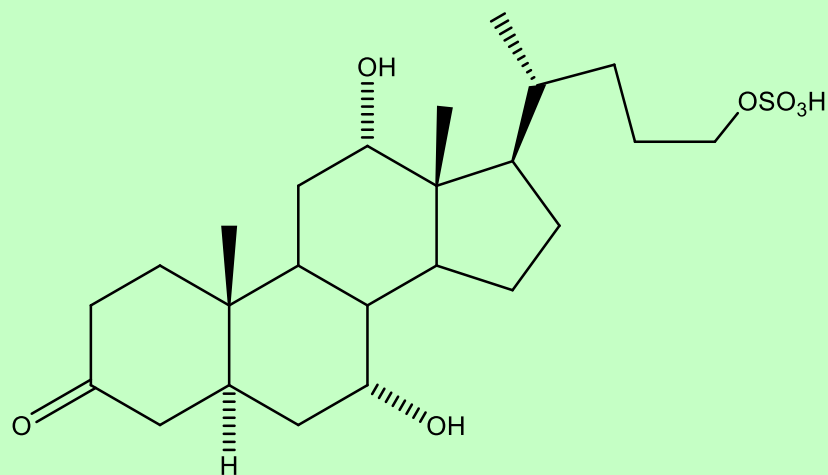
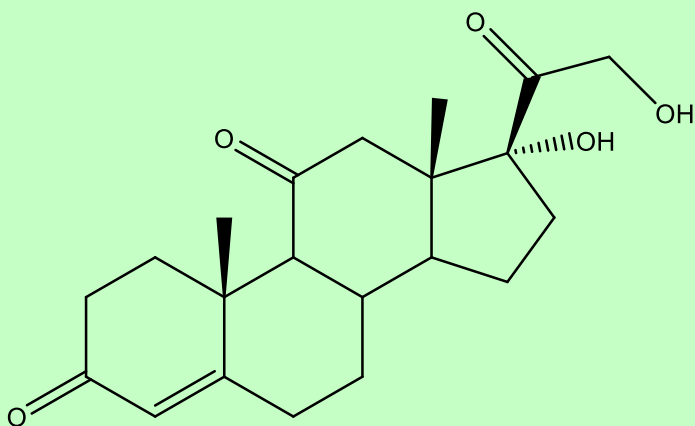
Specialties

- Dolastatin amino acids



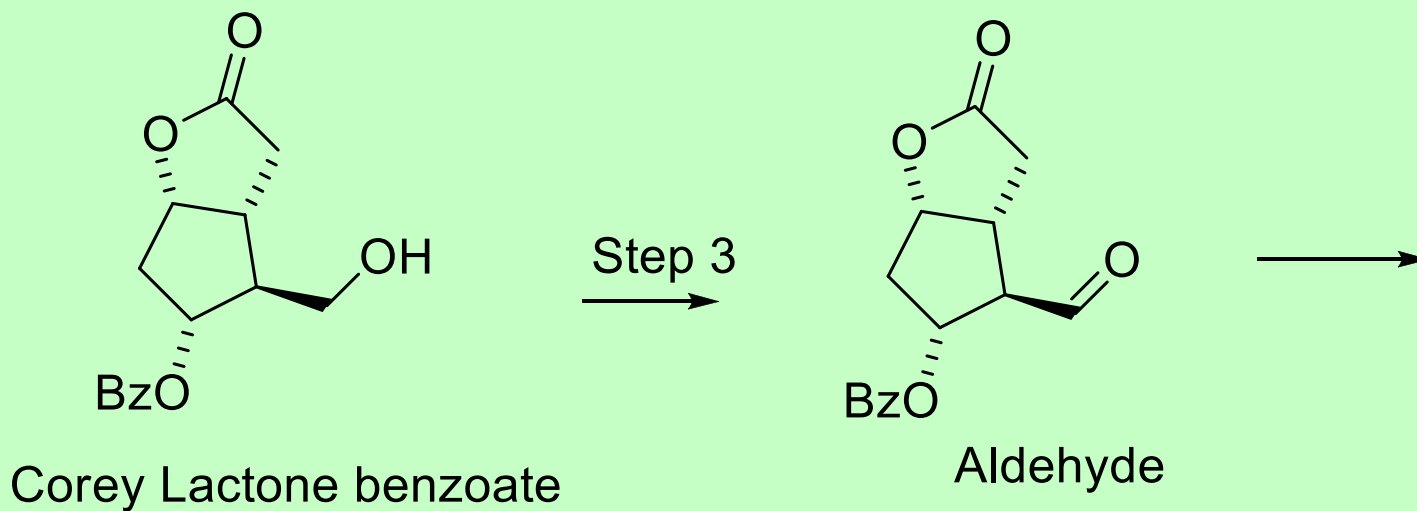
Specialties

- Steroids, Pheromones



Specialties

- Prostaglandin Chemistry



Technology

- 500 MHz NMR; multi-probe
- Automated collectors
- HPLCs
- GC
- DSC
- High pressure 10 L & 20 L reactors
- High pressure screening
- Ozonolysis (5 mol/hr)

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Ozonolysis



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Pressure Reactions



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Argonaut Endeavor for High Pressure Screening



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Argonaut Screening Tool



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***120 L Glass
Lined
Reactors***

***Capable of
-70°C***

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Hastelloy Pressure Filter

***70 Liter volume
18" Diameter***

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**100 L
Stainless Steel
Filter**

**300 L Hastelloy
Filter**

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Wiped Film Distillation

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2009 Building Expansion

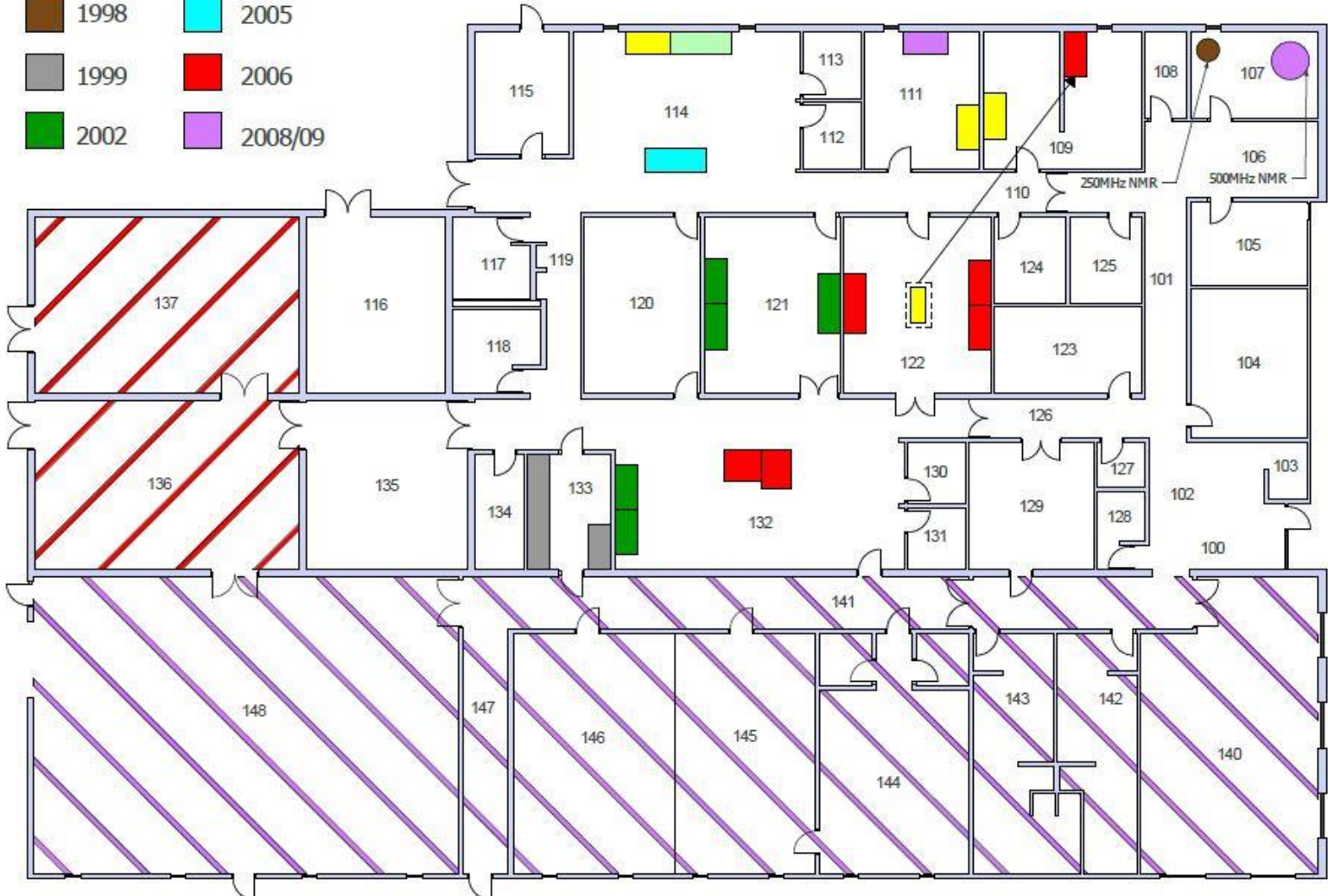
- Building increased by 60%
- 2200 sq. ft. pilot plant area added
- Space for three new laboratories
- Installed a 400 L reactor and 800 L reactor/still made of glass lined steel
- Installed a 400 L Hastelloy reactor/still capable of -70 °C. Hastelloy condenser.
- Expanded chemical and equipment storage

Site Map

Bridge
Organics Co.

- 1997
- 1998
- 1999
- 2002
- 2003
- 2005
- 2006
- 2008/09

One of the original four hoods which was moved in 2006



Equipment - Part I

- Two 18" and two 24" pressure filters
- Two wiped film distillation units
- Five 50 L reactors with -55°C range
- Three 120 L reactors with -70°C range
- Up to 100 kg chromatography
- 20 L and 50 L evaporators

Equipment - Part II



- **Glass lined reactors of 400 L and 800 L.**
- **400 L Hastelloy reactor capable of -70 °C; Hastelloy condenser**
- **100 L Hastelloy reactor capable of -70 °C**

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- Good pricing
- Great quality
- Rapid delivery
- Please contact us!

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