CUSTOMIZED ORGANIC CHEMISTRY. PRODUCTION AND PROCESS RESEARCH AND DEVELOPMENT IN FINE ORGANIC CHEMISTRY

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ABSTRACT

The Department of Organic Chemistry of the University of Alicante has a wide reaching experience, expertise and "know-how" which allow it to develop and scale-up chemical processes from laboratory to industrial scale in a pilot plant working under ISO9001:2000 and conditions of complete traceability.

Services offered include: Process R&D, Process scale-up, custom manufacturing of fine chemicals and pharmaceutical intermediates both at laboratory scale and in a general purpose pilot plant.

MARKET APPLICATIONS

The facilities offered by the Pilot Plant of the University of Alicante make them suitable for use by the following industrial sectors:

- Fine Chemical and Pharmaceutical manufacturing Companies.
- Veterinary/Agro-chemical manufacturers.
- Research and Consulting establishments.

COLLABORATION SOUGHT

The Department of Organic Chemistry of the University of Alicante has a wide experience and the installations required to develop commercially viable industrial processes for the fine and pharmaceutical chemical industries. The Department offers the following services to potential clients:

- Custom synthesis of intermediates and products to clients' specification.
- Toll manufacture of products and intermediates.
- Process R&D and process scale-up from laboratory to pilot plant.
- In-house equipment rental to clients wishing to perform their own reaction scale-up.
- Physical treatment of finished products.