

PHEROMONE INTERMEDIATES

フェロモン合成用中間体



GFS Chemicals products have been used as building blocks and intermediates for the manufacture of specialty pheromones.

Our liquid ammonia technologies enable the synthesis of long chain internal and terminal alkynes, alkyn-ols and specialty olefins used as pheromone precursors.

This technology includes:

- Functionalized Diacetylenics
- Liquid ammonia/alkali metal capabilities
- Internal & Terminal Alkynes
- Unsaturated alcohols, acids, ketones and aldehydes
- TMS, THP, BOC protected compounds
- Conjugated and non-conjugated ene-yne derivatives

GFS manufactures a variety of products for the pheromone industry (including but not limited to):

- 1-Pentyne
- 3-buten-1-ol
- 1-Octyn-3-ol
- 4-Heptyn-2-ol
- 2-Butyn-1-ol
- 4-Pentyn-1-ol
- 1-Octyne
- Trans-2-Penten-4-yn-1-ol
- 3-Hexyn-2-ol
- 2-Octyn-1-ol
- 5-Decyn-1-ol
- 3-Butyn-1-ol
- 7-Tetradecyn-1-ol
- Cyclohexanone, Reagent

GFS understands the demanding needs of the pheromone industry. Our diverse product line focuses on the core building blocks for pheromone products. We work with small development companies and major corporations. We have a proven track record of taking products from development through the commercialization stage. We manufacture bench scale quantities to commercial scale quantities.

Our hands on staff of chemists are available to solve technical problems and to work with you to develop new and improved products.

Contact us with your specific requirements or to learn more about our capabilities.

For more information contact:

GFS Chemicals 社日本総代理店
David Bayst - General Manager
エドワーズ化学株式会社

GFS Organic Specialties
david@gfschemicals.com

TEL: 03-9236-3091
614-224-5013 ext. 310p

www.gfsorganics.com

