

A Global Leader In Chemical Synthesis Reagents

Supporting molecule API synthesis from concept to commercialization with precision, reliability and safety

At Albemarle, we understand that the success of pharmaceutical, agricultural, and fragrance innovation hinges on precision, reliability, and safety. That's why our Chemicals for Synthesis portfolio delivers high-purity, performance-driven reagents tailored to your process needs, and available at global production scale.

KEY CAPABILITIES

- **Customizable reagent selection** for complex organic transformations
- Enhanced **safety and compliance as you scale your operations**
- **Consistent high-quality** from 50+ years of manufacturing expertise and vertically integrated operations
- **Reliable global supply network** and facilities in Germany, USA, and Taiwan, meeting global and local shipping regulations
- **Market-led innovation** driven by extensive R&D expertise and collaboration with leading academic institutions **to deliver next-generation solutions**

Our reagents are used today in the most critical steps of **commercial drug manufacturing** where optimization of yield, selectivity and reliability are paramount.

Whether you are in early-stage route selection or preparing for scaling and commercial launches, we recommend engaging with us early in your drug manufacturing development efforts.

OUR PRODUCT SELECTION INCLUDES

- Alkoxides
- Metal amides
- Bromine, alkyl bromides and other derivatives
- Hydrides
- Organomagnesium compounds (Grignards and Turbo Grignards)
- Organolithium compounds
- Specialty salts and anhydrous salt solutions
- Cesium compounds



Contact us to explore our custom manufacturing capabilities tailored to your specific requirements.

Improving Safe Handling of Specialty Chemicals

at Every Scale for Chemical Synthesis Reagents

DEVELOPMENT

- Samples ranging from 100 mL to 1 L in shock-resistant glass bottles



PILOT

- 7.4 L, 27 L and 127 L steel bottles
- Customized filling quantities
- Safety-enhancing unloading features with dedicated emptying systems



COMMERCIAL

- Customized container sizes and construction materials tailored to customer needs
- Liquid handling sizes ranging from 450 L to rail tanks
- Solid handling sizes ranging from 500 g to 100 kg+
- Safety-enhancing unloading features with dedicated emptying systems



- Albemarle owns and manages its containers and transportation logistics, helping support safe and timely delivery of materials.
- Proven leadership in lithium and organometallics since the 1920s, with experience in bromine chemistry since 1969.
- Technical support teams provide engineering guidance, on-site handling training and safety advisory services tailored to customer operations.
- Extensive analytical and application testing capabilities.
- Responsible product stewardship with safety audits of manufacturing sites, warehouses and customer sites.

CONTACT AND INFORMATION

Albemarle is a global leader in transforming essential resources into critical ingredients for mobility, energy, connectivity and health. As a global specialty chemicals company, we empower small molecule API manufacturing by offering high-purity custom reagents and technical support to promote safe and compliant scale-up. Our unwavering commitment to consistent quality and reliable supply helps promote seamless operations for customers around the world. As one of the world's largest suppliers of bromine and lithium products, Albemarle is vertically integrated—from resource extraction to tailored product development. This integration provides supply chain transparency and reinforces our mission to make a meaningful impact on people and the planet.

Learn more about our product portfolio and capabilities, and contact us <http://www.albemarle.com/chemical-synthesis>

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