

Custom Synthesis, Consulting and Contract Research

Molecular Probes provides a variety of specialty manufacturing and research services for the diagnostics, pharmaceutical and biotechnology industries. These include the following:

- **Custom organic synthesis of high-purity reagents in milligram to kilogram quantities.** We can make a wide variety of fluorescent dyes, analogs of biomolecules and organic specialty reagents. Even with a minimum of input from you, we can design and modify these reagents to improve the performance of your application.
- **Preparation of immunogens to low-molecular weight haptens for use in immunoassays.** This process usually involves preparing reactive versions of drugs and related materials and conjugating them to carrier proteins.
- **Custom protein conjugations.** Molecular Probes can conjugate your protein to a wide variety of dyes, phycobiliproteins, enzymes, microspheres and polymers.
- **O.E.M.** Our expertise includes not only the synthesis of materials, but also the packaging, setting of vendor specifications and preparation of all necessary documentation.
- **Contract research.** Molecular Probes can design and synthesize detection reagents and analytical procedures to meet your specific needs. Our scientists can work with you to develop diagnostic assays and to provide optimized reagents for use with novel instruments. When required, this research can be done under nondisclosure agreements.
- **Consulting.** We provide confidential consulting in a wide variety of areas, including fluorescence detection techniques, bioconjugate synthesis and assay design. We can work with you to assess initial feasibility and continue through to the design and production of materials.

For regular custom synthesis, Molecular Probes will provide a written quotation that will state the price for preparation of set amounts of a defined material and the expected date for delivery following receipt of your written order. The following information is the minimum required in order to prepare a quotation for a custom synthesis:

Material – any or all of the following:

- A. Full name of the compound required
- B. A drawing of the structure
- C. Amount — the quantity of the product required (usually in mg or grams).

If you have a reference to the method of preparation, it may reduce the cost of the custom synthesis. In the case of requests for fluorescent labeling of polymers, it is usually necessary for us to have information on the polymer's structure (specifically, what functional groups are available for derivatization) and the polymer's molecular weight.

Customer Information

- A. Name
- B. Company/Institution
- C. Fax number
- D. Phone number

Please direct requests for quotations to the Custom and Bulk Sales Department at Molecular Probes (E-mail: custom@probes.com; for additional contact information see the next page).

For projects where specific target compounds cannot be completely defined or their synthetic feasibility cannot be determined *a priori*, a research contract framework may be more appropriate. This arrangement allows you to contract for work on a per-hour basis with a maximum number of hours that will not be exceeded without your approval. By its nature, contracted research may be speculative. It is usually necessary, however, to invoice work that has been approved by you at full rates, even if unanticipated difficulties prevent us from completing the project.

Molecular Probes reserves the right to market those custom-synthesized materials that have been previously described in the literature. New materials that are prepared based exclusively on information provided by the purchaser will, in general, be the exclusive property of the purchaser. However, if Molecular Probes' researchers develop new methods to meet the specifications described by the purchaser, Molecular Probes will generally retain rights over the technology. No implied license is given to resell custom products incorporating materials patented by Molecular Probes. If there are questions or concerns as to any future rights to materials, these should be covered by a consulting and patent agreement before extensive discussion of the syntheses commences. We will maintain the confidentiality of all discussions.

Acceptance of orders for custom synthesis and contract research is subject to the provision that Molecular Probes offers no warranty and will not be liable in any way with respect to the customer's end use of the products. Molecular Probes welcomes all inquiries for custom synthesis and contract research services, which may be directed to the Custom and Bulk Sales Department by E-mail to custom@probes.com, or by FAX to (541) 984-5658.

Contact Information

Further information on Molecular Probes' products, including product bibliographies, is available from your local distributor or directly from Molecular Probes. Customers in Europe, Africa and the Middle East should contact our office in Leiden, the Netherlands. All others should contact our Technical Assistance Department in Eugene, Oregon.

Please visit our Web site — www.probes.com — for the most up-to-date information

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Molecular Probes' products are high-quality reagents and materials intended for research purposes only. These products must be used by, or directly under the supervision of, a technically qualified individual experienced in handling potentially hazardous chemicals. Please read the Material Safety Data Sheet provided for each product; other regulatory considerations may apply.

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