

What QDIS Can Do for You

QD Information Services LLC



Providing consulting and information services to the pharmaceutical and chemical industries.

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How Can QDIS Help Your Company?

What can QD Information Services do for you? We provide consulting and information services to the chemical and pharmaceutical industries.

Founded in 2003 by Edward Vawter, PhD, QDIS can help you choose an outsourcing partner or design a chemical synthesis. With years of experience in both large and small pharmaceutical and biotechnology companies as well as the fine chemicals industry, QDIS has a breadth of knowledge and understanding of the drug development process from the initial bench work through GMP manufacturing. We have extensive knowledge in the area of polymer drug conjugates, an area of active research.

QDIS also provides information services; literature and patent searches as well as Internet searches for suppliers or information on competitors.



About Edward Vawter

Edward Vawter brings well over a decade of experience in research and development in the pharmaceutical industry with both large and small companies. He has a PhD in organic chemistry and has been involved in the synthesis of multi-step complex pharmaceuticals including polymer drug conjugates through all stages of development. He has managed the outsourcing of development and manufacturing for multi-million dollar projects on an international basis. Edward also has five years of experience with development of polymer based drug conjugates as well as extensive analytical development knowledge related to polymers. He has experience with experimental design and data analysis; not only statistical analysis but also exploratory data analysis and building of models to represent behavior of chemical systems. His business experience as well as his solid technical background can help your company succeed.

Projects

The following are just a few of the projects with which Dr. Vawter has been involved.

- Polyglutamic acid-paclitaxel conjugate-anticancer drug in clinical development
- Lisophylline-supportive care for cancer patients
- Apra-anticancer drug
- Vasopeptidase Inhibitor BMS-189921-antihypertensive
- Beta lactam antibiotics
- Ifetroban Sodium-antithrombotic and antiischemic

Recent Publications

- Patent Application Pub No.: US 20030054977 A1, Pub Date: Mar. 20, 2003. Manufacture of Polyglutamate-Therapeutic Agent Conjugates; Anil Kumar, J. Peter Klein, Rama Bhatt, Edward Vawter.
- Book chapter from *Polymer Drugs in the Clinical Stage* Hiroshi Maeda, et. al. (Editors)
"Poly-(L)-Glutamic Acid-Paclitaxel (CT-2103) [XyotaxTM], a Biodegradable Polymeric Drug Conjugate: Characterization, Preclinical Pharmacology, and Preliminary Clinical Data" by Jack Singer, Brian Baker, Peter De Vries, Anil Kumar, Scott Shaffer, Ed Vawter, Mary Bolton, and Pamela Garzone.
- Efficient Asymmetric Synthesis of the Vasopeptidase Inhibitor BMS-189921
Singh, J.; Kronenthal, D. R.; Schwinden, M.; Godfrey, J. D.; Fox, R.; Vawter, E. J.; Zhang, B.; Kissick, T. P.; Patel, B.; Mneimne, O.; Humora, M.; Papaioannou, C. G.; Szymanski, W.; Wong, M. K. Y.; Chen, C. K.; Heikes, J. E.; DiMarco, J. D.; Qiu, J.; Deshpande, R. P.; Gougoutas, J. Z.; Mueller, R. H.;
Org. Lett., **2003**, 5(17), 3155-3158.
- Full paper to be published in *Organic Process Research and Development* related to above communication.
- Book chapter from *Process Chemistry in the Pharmaceutical Industry* Kumar G. Gadamasetti (Editor)
"A Practical Synthesis of Ifetroban Sodium" by Richard M. Mueller.

Commitment to Your Success

QD Information Services will be there to help solve your chemistry problems. Whatever your needs in the area of chemical information, design of experiments, data analysis or chemical synthesis, QDIS can help your company overcome obstacles which are preventing it from succeeding. With a commitment to customer service and an emphasis on designing custom solutions to problems, QDIS strives to be one of the top chemical consultants in the US. QDIS will also tell you when the project is outside their area of expertise and recommend someone from their network of contacts who can better solve your problem. QD Information Services wants to be your first thought when problems or difficulties arise. Please call today to see how we can help your company compete in today's marketplace.

QD Information Services LLC



Helping solve your chemistry problems

Services Offered By QD Information Services LLC

- Strategic advice on the drug development process.
- Help in solving technical organic chemistry problems.
 - Route selection and process optimization
 - Scale up and pilot plant implementation
- Advice on developing commercially viable chemical processes.
- Help with the design and analysis of experiments.
- Perform searches of all types; literature, structure, patent, competitive analysis, etc.
- Extensive knowledge of polymer drug conjugates, both synthesis and analysis.
- GMP manufacturing experience including manufacture of parenteral drugs.
- Broad knowledge of organometallic chemistry.
- Help in risk analysis and decision making processes.
- Facilitate choice of outsourcing manufacturers
- Development of empirical model representing chemical systems and reactions
- Data Mining