

In Natural Product Reports article about research trends and industry survey, published in April 2006, TimTec is identified as one of the major suppliers that offer broad range of diverse natural products including pure natural compounds, natural product derivatives, and plant extracts available from stock.

**Füllbeck M, Michalsky E, Dunkel M, Preissner R. Natural products: sources and databases. Highlight Nat. Prod. Rep. 2006 April 10; 23, 347 - 356, DOI: 10.1039/b513504b**

This Highlight gives a general survey of natural product databases, suppliers and manufacturers. It describes opportunities for researchers to obtain information about natural compounds and makes a proposal for successful identification of pharmaceutically relevant substances.

Authors offer extensive research and market “leads” for those interested in nature-derived bio-material. The article, once again, stresses yet untapped potential of diverse natural sources that offer superior quality of discovery leads. “It is supposed that only 5-15% of approximately 250,000 species of higher plants have been investigated for the presence of bioactive compounds”. Despite this low percentage, “about half of all compounds that were successful in clinical trials during the past 20 years have at least been derived from natural origin”.

Not to disregard widespread application of combinatorial chemistry, nature-derived compounds have this unique perfect natural fit. “The rise of combinatorial chemistry reduced the interest in natural compounds among pharmaceutical companies. However, not all promises of high-throughput synthesis were kept, because the produced compounds that are drug-like in size and properties have not evolved to interact with biomolecules and may therefore induce unexpected and possibly severe side effects”. Natural compounds are not only a time-proven must in screening assays, but they also provide inspirational material for building blocks and scaffolds.