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Advanced Chemistry Development Licenses the Star List from BioByte

Toronto, Ontario and Claremont, California - February 2, 2001 - As part of an ongoing effort to improve the scope and predictive accuracy of ACD/LogP DB, Advanced Chemistry Development, Inc. today announced that it has entered into a strategic partnership with BioByte Corp. Under the terms of the agreement, ACD will be able to use BioByte's Star List database of measured logP values to improve the accuracy and scope of its prediction of logP and related properties. Additionally, the content of the Star list will be added to the Internal Database of LogP DB, with primary literature citation and credit to BioByte. In exchange, ACD will provide support to BioByte's ongoing efforts to accumulate more reliable data.

Unlike some other companies that offer logP predictions, ACD has restrained from using copies of the Star List without explicit permission from BioByte. "Dr. Leo and Professor Hansch have invested an incredible amount of intellectual energy in collecting and refining the data over more than 35 years," said Robert DeWitte, Ph.D., Scientific Product Manager, Physical Chemistry at ACD. "The Star List remains one of their many rich contributions to the understanding of molecular properties, and ACD is proud that they have elected to work with us in this way. We look forward to an enlightening scientific exchange with the fathers of this field of research."

"Not everyone appreciates, as ACD does, the amount of time, effort and experience needed to sift through the literature to find dependably measured logP values," said Dr. Albert Leo, President of BioByte. "And it is not unusual to spend \$1,000 to measure a single difficult solute to get a new fragment or interaction factor which is dependable enough to incorporate in a program. We've felt this cost is justified, because it enabled us to continually enlarge the 'parameter space' within which CLOGP can make dependable calculations. Of course this is precisely the purpose that ACD has in mind also--to increase the dependability of their logP calculating program, and to use the results in promoting the product."

The new data will improve the quality of ACD's predictions of LogP, LogD, Solubility, Bioconcentration Factor (BCF), and Adsorption Coefficient (Koc). This addition to the data already in use at ACD will bring the knowledge base within ACD/LogP DB to an unprecedented size. It will also enable ACD to add many new fragment constants and interaction terms to its algorithms.

ACD's LogP, pKa and LogD predictions are becoming ever more popular in the Chemistry research community, and ACD continues to strive to improve our offering. This is one of several steps being taken to maintain this leadership position.

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