



## FOR IMMEDIATE RELEASE

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## Advancements to Freeware ACD/Column Selector Help Take the Guess Work Out of Column Selection

**Toronto, Canada, July 4, 2006** - Advanced Chemistry Development, Inc., (ACD/Labs) today announce the latest update to ACD/Column Selector, a freeware reversed-phase HPLC column selection tool. The latest upgrade increases the number of columns available for selection from 153 to 187, which will allow chromatographers to compare and contrast the latest columns, and help take the guesswork out of column selection.

ACD/Column Selector was created through a collaboration with Mel Euerby and Patrik Petersson of AstraZeneca. The freeware application was developed from over 3000 experiments characterizing the most commonly-used reversed-phase columns.

Patrik Petersson, PhD, Associate Principal Scientist at AstraZeneca, states, "ACD/Column Selector allows chromatographers to scientifically compare the most popular columns according to certain parameters (ligand density, hydrophobic selectivity, shape selectivity, hydrogen bonding capacity, total ion-exchange capacity, and acidic ion-exchange capacity). Users may identify equivalent columns ("backup columns") as well as columns with widely differing characteristics to fully exploit selectivity differences in method development."

Mike McBrien, M.Sc., Chromatography Product Manager at ACD/Labs, comments, "The team at AstraZeneca has done a tremendous job in characterizing the world's most popular columns. It's commendable that they've made this information available to the chromatographic community in this way."

ACD/Column Selector is a free ChemBasic application that runs within freeware ACD/ChemSketch. Both ACD/Column Selector and ACD/ChemSketch may be downloaded from our website at: [www.acdlabs.com/columnselector](http://www.acdlabs.com/columnselector).

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