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(54) Title: PROCESS FOR THE IDENTIFICATION OF NOVEL ENZYME INTERACTING COMPOUNDS

(57) Abstract: The present invention relates to methods for the characterization of enzymes or of enzyme-compound complexes, wherein the enzyme is obtained from a protein preparation with the help of at least one broad spectrum ligand immobilized on a solid support and wherein the enzyme is characterized by mass spectrometry. These methods are useful for the screening of non-immobilized compound libraries, selectivity profiling of lead compounds and mechanism of action studies in living cells.

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