Analytical and Bioanalytical Chemistry

Electronic Supplementary Material

Metabolic profiling of ligands for the chemokine receptor CXCR3 by liquid chromatography-mass spectrometry coupled to bioaffinity assessment

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Fig. S1 Outline of the experiment performed on each 96-well plate. (A) Nanofractions are collected onto a 96-well plate in serpentine fashion. (B) A serial dilution of a control compound ranging from 10 pM to 10 µM is pipetted onto the 96-well plate in triplicate. The plate is subsequently freeze-dried and the radioligand binding assay is performed. The results of the radioligand binding assay are then plotted as a reconstructed bioaffinity chromatogram of a mixture analyzed (C) or a concentration-response curve of the control compound (D). The radioligand binding results from the maximum radioligand displacement (c+) and from no radioligand displacement (c-) are used to calculate the z' factor for each experiment