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(54) Title: FLUORESCENCE POLARIZATION ASSAY FOR DETERMINING HISTIDINE DECARBOXYLASE ACTIVITY

(57) Abstract: A fluorescence polarization assay for determining the HDC modulating activity of a candidate compound comprising the steps of: a) providing a reaction mixture comprising a HDC, histidine, a fluorescently labeled histamine probe, a candidate compound and an anti histidine antibody having selectivity for histamine at least 10 fold greater than histidine; b) incubating the reaction mixture; c) determining whether inhibition of HDC has occured in the presence of the test compound, wherein an increase in fluorescence signal is an indication that the test compound inhibits the activity of HDC.

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