DESCRIPTIVE SUMMARY



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NEW SCREENING PROCEDURE FOR INHIBITORS OF THE BOND BETWEEN NEURONAL NITRIC OXIDE SYNTHASE AND THE PROTEIN INHIBITOR OF NEURONAL NITRIC OXIDE SYNTHASE

The invention concerns a detection procedure for compounds modulating the complexation between neuronal nitric oxide synthase protein (nNOS) or one of its variants and the protein inhibitor of neuronal nitric oxide synthase (PIN), in which:

– a mixture of the said compound, the PIN and the nNOS or one of its variants is incubated,

– significant variation in the quantity of complex formed between the PIN and the nNOS or one of its variants with respect to a control value is detected,

– when there is significant variation as defined above, it is concluded that there is binding between the said compound and the PIN, or between the said compound and the nNOS or one of its variants, leading to modulation of the complexation between the PIN and nNOS or one of its variants.



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(no figures)