

Title (en)
-i(IN VITRO) FLUORESCENCE POLARIZATION ASSAY

Title (de)
IN VITRO FLOURESZENZ-POLARISATIONSTEST

Title (fr)
DOSAGE -i(IN VITRO) A POLARISATION DE FLUORESCENCE

Publication
EP 0898709 A2 19990303 (EN)

Application
EP 97922393 A 19970418

Priority

- US 9706746 W 19970418
- US 1559096 P 19960418
- US 2987096 P 19961106

Abstract (en)
[origin: WO9739326A2] An in vitro assay method permits the identification of a test substance which inhibits the mutual association of a pair of proteins. The method includes the steps of providing a pair of proteins capable of mutual association, one of said proteins bearing a covalently linked fluorophore; preparing a mixture containing the two proteins and at least one test substance; irradiating the mixture with polarized light of a suitable wavelength permitting excitation of the fluorophore as indicated by emission of polarized light; measuring the degree of polarization of the emission, and determining the effect of the presence or concentration of the test substance in decreasing the observed emission polarization of a mixture of the two proteins alone. Inhibitory activity of in the test substance correlates with decreased depolarization values.

IPC 1-7
G01N 33/50; **G01N 33/53**

IPC 8 full level
G01N 21/64 (2006.01); **G01N 33/542** (2006.01)

CPC (source: EP)
G01N 33/542 (2013.01)

Citation (search report)
See references of WO 9739326A2

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9739326 A2 19971023; **WO 9739326 A3 19971224**; AU 2807697 A 19971107; AU 727108 B2 20001130; CA 2250067 A1 19971023; EP 0898709 A2 19990303; JP 2000512737 A 20000926

DOCDB simple family (application)
US 9706746 W 19970418; AU 2807697 A 19970418; CA 2250067 A 19970418; EP 97922393 A 19970418; JP 53045197 A 19970418