



ELSEVIER

Journal of Chromatography B, 768 (2002) 379–381

JOURNAL OF
CHROMATOGRAPHY B

www.elsevier.com/locate/chromb

Compound Index Vol. 768

Acetylcholinesterase

Determination of donepezil, an acetylcholinesterase inhibitor, in human plasma by high-performance liquid chromatography with ultraviolet absorbance detection 768(2002)261

AHN-1055

Determination of the benztropine analog AHN-1055, a dopamine uptake inhibitor, in rat plasma and brain by high-performance liquid chromatography with ultraviolet absorbance detection 768(2002)305

Antibodies

Antibody–antigen binding study using size-exclusion liquid chromatography 768(2002)75

Antigen–antibody interactions in capillary electrophoresis 768(2002)93

Antigens

Antibody–antigen binding study using size-exclusion liquid chromatography 768(2002)75

Antigen–antibody interactions in capillary electrophoresis 768(2002)93

α_1 -Acid glycoprotein

Estimation of drug–protein binding parameters on assuming the validity of thermodynamic equilibrium 768(2002)113

ATPase CF1

Use of the Hummel and Dreyer method for the study of nucleotide binding on chloroplast ATPase CF1 768(2002)167

Benztropine analogue

Determination of the benztropine analog AHN-1055, a dopamine uptake inhibitor, in rat plasma and brain by high-performance liquid chromatography with ultraviolet absorbance detection 768(2002)305

2-(4-Biphenyl)-3,3'-hydroxyphenolpropionic acid

Stereoselective binding of 2-(4-biphenyl)-3-substituted-3-hydroxy-propionic acids on an immobilised human serum albumin chiral stationary phase 768(2002)137

Celecoxib

Simple and sensitive method for the determination of celecoxib in human serum by high-performance liquid chromatography with fluorescence detection 768(2002)255

CGP 74588

High-throughput quantification of the anti-leukemia drug STI571 (GleevecTM) and its main metabolite (CGP 74588) in human plasma using liquid chromatography–tandem mass spectrometry 768(2002)325

Cholesterol

Quantification of cholesterol in foods using non-aqueous capillary electrophoresis 768(2002)369

Clarithromycin

Sensitive liquid chromatography–tandem mass spectrometry method for the determination of clarithromycin in human plasma 768(2002)223

Cotinine

Determination of urinary and salivary cotinine using gas and liquid chromatography and enzyme-linked immunosorbent assay 768(2002)297

Cyclosporin

Analytical method for monitoring concentrations of cyclosporin and lovastatin in vitro in an everted rat intestinal sac absorption model 768(2002)349

Dansyl amino acids

Solute complexation degree with human serum albumin: biochromatographic approach 768(2002)121

Desethoxybutynin

Binding study of desethoxybutynin using high-performance frontal analysis method 768(2002)189

Desmethylsildenafil

Simultaneous assay of sildenafil and desmethylsildenafil in human plasma using liquid chromatography–tandem mass spectrometry on silica column with aqueous–organic mobile phase 768(2002)277

Dihydroergotamine

Sensitive and specific liquid chromatographic–tandem mass spectrometric assay for dihydroergotamine and its major metabolite in human plasma 768(2002)267

Diltiazem

Role of the magnesium cation on antihypertensive molecule–human serum albumin binding: affinity chromatography approach 768(2002)129

Donepezil

Determination of donepezil, an acetylcholinesterase inhibitor, in human plasma by high-performance liquid chromatography with ultraviolet absorbance detection 768(2002)261

Dopamine uptake inhibitor

Determination of the benztropine analog AHN-1055, a dopamine uptake inhibitor, in rat plasma and brain by high-performance liquid chromatography with ultraviolet absorbance detection 768(2002)305

Ephedrines

Quantification of ephedrines in urine by column-switching high-performance liquid chromatography 768(2002)215

Estrogen receptor

Immobilized receptor- and transporter-based liquid chromatographic phases for on-line pharmacological and biochemical studies: a mini-review 768(2002)41

Gleevec

High-throughput quantification of the anti-leukemia drug STI571 (GleevecTM) and its main metabolite (CGP 74588) in human plasma using liquid chromatography–tandem mass spectrometry 768(2002)325

P-glycoprotein

Immobilized receptor- and transporter-based liquid chromatographic phases for on-line pharmacological and biochemical studies: a mini-review 768(2002)41

Human serum albumin

Solute complexation degree with human serum albumin: biochromatographic approach 768(2002)121

Role of the magnesium cation on antihypertensive molecule–human serum albumin binding: affinity chromatography approach 768(2002)129

Stereoselective binding of 2-(4-biphenyl)-3-substituted-3-hydroxy-propionic acids on an immobilised human serum albumin chiral stationary phase 768(2002)137

Use of an immobilised human serum albumin HPLC column as a probe of drug–protein interactions: the reversible binding of valproate 768(2002)147

Binding of human serum albumin to silica particles by means of polymers: a liquid chromatographic study of the selectivity of resulting chiral stationary phases 768(2002)157

Study on the multiple sites binding of human serum albumin and porphyrin by affinity capillary electrophoresis 768(2002)211

8'-Hydroxydihydroergotamine

Sensitive and specific liquid chromatographic–tandem mass spectrometric assay for dihydroergotamine and its major metabolite in human plasma 768(2002)267

Immobilized membrane proteins

Immobilized-biomembrane affinity chromatography for binding studies of membrane proteins 768(2002)31

Immunoglobulin G

On-line post-capillary affinity detection of immunoglobulin G for capillary zone electrophoresis 768(2002)105

KW-2170

Determination of the anticancer drug KW-2170, a pyrazoloacridone derivative, and its metabolites in human and dog plasma by high-performance liquid chromatography using an electrochemical detector 768(2002)231

Lectins

Determination of the affinity constants of recombinant human galectin-1 and -3 for simple saccharides by capillary affinity electrophoresis 768(2002)199

Lovastatin

Analytical method for monitoring concentrations of cyclosporin and lovastatin in vitro in an everted rat intestinal sac absorption model 768(2002)349

Magnesium cation

Role of the magnesium cation on antihypertensive molecule–human serum albumin binding: affinity chromatography approach 768(2002)129

Mannich ketones

Relationship between lipophilicity and antitumor activity of molecule library of Mannich ketones determined by high-performance liquid chromatography, clogP calculation and cytotoxicity test 768(2002)361

Melanins

Applications of affinity chromatography to the study of drug–melanin binding interactions 768(2002)67

Methyldopa

Quantification of methyldopa in human plasma by high-performance liquid chromatography–electrospray tandem mass spectrometry. Application to a bioequivalence study 768(2002)341

1-Methylpropyl-2-imidazolyldisulphide

Normal-phase and stability-indicating reversed-phase high-performance liquid chromatographic methods for the determination of the novel antitumor agent: 1-methylpropyl-2-imidazolyldisulfide 768(2002)239

Nicotine receptor

Immobilized receptor- and transporter-based liquid chromatographic phases for on-line pharmacological and biochemical studies: a mini-review 768(2002)41

Nifedipine

Role of the magnesium cation on antihypertensive molecule–human serum albumin binding: affinity chromatography approach 768(2002)129

Nucleotides

Use of the Hummel and Dreyer method for the study of nucleotide binding on chloroplast ATPase CF1 768(2002)167

Organochlorine compounds

Method for integrated analysis of polycyclic aromatic hydrocarbons and organochlorine compounds in fish liver 768(2002)247

Oxybutynin

Plasma protein binding study of oxybutynin by high-performance frontal analysis 768(2002)177

Polycyclic aromatic hydrocarbons

Method for integrated analysis of polycyclic aromatic hydrocarbons and organochlorine compounds in fish liver 768(2002)247

Polymers

Binding of human serum albumin to silica particles by means of polymers: a liquid chromatographic study of the selectivity of resulting chiral stationary phases 768(2002)157

Porphyrin

Study on the multiple sites binding of human serum albumin and porphyrin by affinity capillary electrophoresis 768(2002)211

S-Propafenone

Estimation of drug–protein binding parameters on assuming the validity of thermodynamic equilibrium 768(2002)113

Protein binding

High-performance affinity chromatography: a powerful tool for studying serum protein binding 768(2002)3

Proteoliposomes

Immobilized-biomembrane affinity chromatography for binding studies of membrane proteins 768(2002)31

Pyrazoloacridone derivatives

Determination of the anticancer drug KW-2170, a pyrazoloacridone derivative, and its metabolites in human and dog plasma by high-performance liquid chromatography using an electrochemical detector 768(2002)231

Recombinant human galectins

Determination of the affinity constants of recombinant human galectin-1 and -3 for simple saccharides by capillary affinity electrophoresis 768(2002)199

Saccharides

Determination of the affinity constants of recombinant human galectin-1 and -3 for simple saccharides by capillary affinity electrophoresis 768(2002)199

Sildenafil

Simultaneous assay of sildenafil and desmethylsildenafil in human plasma using liquid chromatography–tandem mass spectrometry on silica column with aqueous–organic mobile phase 768(2002)277

Silica

Binding of human serum albumin to silica particles by means of polymers: a liquid chromatographic study of the selectivity of resulting chiral stationary phases 768(2002)157

STI571

High-throughput quantification of the anti-leukemia drug STI571 (GleevecTM) and its main metabolite (CGP 74588) in human plasma using liquid chromatography–tandem mass spectrometry 768(2002)325

Terbutaline

Quantification of terbutaline in urine by enzyme-linked immunosorbent assay and capillary electrophoresis after oral and inhaled administrations 768(2002)315

Valproate

Use of an immobilised human serum albumin HPLC column as a probe of drug–protein interactions: the reversible binding of valproate 768(2002)147

Verapamil

Role of the magnesium cation on antihypertensive molecule–human serum albumin binding: affinity chromatography approach 768(2002)129