

Pharmacokinetics and tissue distribution of five major 1  
administration of Rhizoma Alismatis extract to rats using  
chromatographyâ€“tandem mass spectrometry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A UPLC-MS/MS method for simultaneous quantification of pairs of oleanene- and ursane-type triterpenoid saponins and their major metabolites in mice plasma and its application to a comparative pharmacokinetic study. RSC Advances, 2018, 8, 8586-8595.	3.6	4
2	Quantitative Analysis of Eight Triterpenoids and Two Sesquiterpenoids in Rhizoma Alismatis by Using UPLC-ESI/APCI-MS/MS and Its Application to Optimisation of Best Harvest Time and Crude Processing Temperature. Journal of Analytical Methods in Chemistry, 2019, 1-13.	1.6	6
3	Alisol B 23-acetate inhibits the viability and induces apoptosis of non-small cell lung cancer cells via PI3K/AKT/mTOR signal pathway. Molecular Medicine Reports, 2019, 20, 1187-1195.	2.4	9
4	Alisol A Suppresses Proliferation, Migration, and Invasion in Human Breast Cancer MDA-MB-231 Cells. Molecules, 2019, 24, 3651.	3.8	20
5	Pharmacokinetic study of six triterpenoids of raw and processed Alisma plantago-aquatica in rat plasma by using ultra performance liquid chromatography-tandem mass spectrometry approach. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1124, 323-330.	2.3	8
6	The characterisation, pharmacokinetic and tissue distribution studies of TPGS modified myricetrin mixed micelles in rats. Journal of Microencapsulation, 2019, 36, 278-290.	2.8	18
7	A biochemometrics strategy for tracing diuretic components of crude and processed Alisma orientale based on quantitative determination and pharmacological evaluation. Biomedical Chromatography, 2020, 34, e4744.	1.7	3
8	Ginsenoside Rh2 impedes proliferation and migration and induces apoptosis by regulating NF- $\kappa$ B, MAPK, and PI3K/Akt/mTOR signaling pathways in osteosarcoma cells. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22597.	3.0	20
9	Comprehensive metabolic profiling of Alismatis Rhizoma triterpenes in rats based on characteristic ions and a triterpene database. Journal of Pharmaceutical Analysis, 2021, 11, 96-107.	5.3	8
10	Alisol B 23-Acetate Ameliorates Azoxymethane/Dextran Sodium Sulfate-Induced Male Murine Colitis-Associated Colorectal Cancer via Modulating the Composition of Gut Microbiota and Improving Intestinal Barrier. Frontiers in Cellular and Infection Microbiology, 2021, 11, 640225.	3.9	27
11	A Comparative Review of Methods For Estimation of Some Antihypertensive Drugs in Pharmaceutical Production. Egyptian Journal of Chemistry, 2021, .	0.2	0
12	Integrated bioinformatic analysis and experiment confirmation of the antagonistic effect and molecular mechanism of ginsenoside Rh2 in metastatic osteosarcoma. Journal of Pharmaceutical and Biomedical Analysis, 2021, 201, 114088.	2.8	3
13	Qihuzha granule attenuated LPS-induced acute spleen injury in mice via Src/MAPK/Stat3 signal pathway. Journal of Ethnopharmacology, 2021, 281, 114458.	4.1	6
14	Exploratory study on application of MALDI-TOF-MS to detect serum and urine peptides related to small cell lung carcinoma. Molecular Medicine Reports, 2020, 21, 51-60.	2.4	7
15	Simultaneous Determination of Four Iridoid Glycosides from Paederia Scandens in Rat Plasma by LC-MS/MS and its Application to a Pharmacokinetic Study. Current Analytical Chemistry, 2020, 16, 298-307.	1.2	2
16	The Current Application of LC-MS/MS in Pharmacokinetics of Traditional Chinese Medicines (Recent) Tj ETQq1 1 0.784314 rgBT /Overlo	1.2	5
17	Determination of Tissue Distribution of Alisol G, a CB1R Antagonist, in Rats by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. Pharmaceutical Fronts, 2020, 02, e179-e187.	0.8	0
18	Improved structural annotation of triterpene metabolites of traditional Chinese medicine in vivo based on quantitative structure-retention relationships combined with characteristic ions: Alismatis Rhizoma as an example. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1187, 123012.	2.3	5

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19	Simultaneous Determination of Four Monoamine Neurotransmitters and Seven Effective Components of Zaoren Anshen Prescription in Rat Tissue using UPLC-MS/MS. <i>Current Pharmaceutical Analysis</i> , 2020, 17, 67-80.	0.6	1
20	Pharmacokinetics, hepatic disposition, and heart tissue distribution of 14 compounds in rat after oral administration of Qiâ€Liâ€Qiangâ€Xin capsule via ultraâ€highâ€performance liquid chromatography coupled with triple quadrupole tandem mass spectrometry. <i>Journal of Separation Science</i> , 2022, 45, 2177-2189.	2.5	9
21	Alisolâ€ attenuates malignant phenotypes of colorectal cancer cells by inactivating PI3K/Akt signaling. <i>Oncology Letters</i> , 2022, 24, .	1.8	3
22	A consolidative synopsis of the MALDI-TOF MS accomplishments for the rapid diagnosis of microbial plant disease pathogens. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 156, 116713.	11.4	14
23	Pharmacological Properties and Molecular Targets of Alisol Triterpenoids from <i>Alismatis Rhizoma</i> . <i>Biomedicines</i> , 2022, 10, 1945.	3.2	8
24	Therapeutic Effects of <i>Alisma orientale</i> and its Active Constituents on Cardiovascular Disease and Obesity. <i>The American Journal of Chinese Medicine</i> , 2023, 51, 623-650.	3.8	7
25	Potential herbâ€drug interactions between anti-COVID-19 drugs and traditional Chinese medicine. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 3598-3637.	12.0	8
26	Alisol B 23-acetate broadly inhibits coronavirus through blocking virus entry and suppresses proinflammatory T cells responses for the treatment of COVID-19. <i>Journal of Advanced Research</i> , 2023, , .	9.5	2
27	Potential of alisols as cancer therapeutic agents: Investigating molecular mechanisms, pharmacokinetics and metabolism. <i>Biomedicine and Pharmacotherapy</i> , 2023, 168, 115722.	5.6	0
28	Neurovascular protection of alisol A on cerebral ischemia mice through activating the AKT/GSK3 $\beta$ pathway. <i>Aging</i> , 0, , .	3.1	1