

ул. Акбергенова, 2В

 ШАШУБАЙ

23.04.2025 г.
11.00 час

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HPLC-MS/MS. Sample was extracted, dried and dissolved in 100 µl MeOH. After 10 min vortex mixing, 100 µl of the supernatant was evaporated to dryness. Residue was dissolved in 100 µl MeOH and 10 µl of 1% HClO₄ in 200 µl MeOH was injected into the HPLC system. The HPLC system consisted of a Kinetex C₁₈ column (150 mm × 4.6 mm, 5 µm, Phenomenex, USA) and a Kinetex C₁₈ guard column (15 mm × 4.6 mm, 5 µm, Phenomenex, USA). The mobile phase was composed of 0.1% HClO₄ in water (A) and 0.1% HClO₄ in MeOH (B). The gradient was as follows: 0 min, 100% A; 10 min, 100% A; 15 min, 100% A; 16 min, 100% A; 17 min, 90% B; 20 min, 90% B; 21 min, 100% B; 25 min, 100% B. The flow rate was 0.3 ml min⁻¹. The column temperature was 30 °C. The detection was performed using a diode array detector (DAD) at 210 nm. The data were collected using a computerized data acquisition system (Agilent 1100 Series). The results were analyzed using a computerized data analysis system (Agilent 1100 Series).

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