

Method Description

Sample: mixture of AMP, ADP, ATP, CoA, Acetyl-CoA and Pantothenate in ACN/MeOH (80:20), 20 μ M concentration

Injection volume: 1 μ l (20 pmol)

Column: Sequant ZIC-pHILIC 150x2.1mm, 5 μ m

Mobile phase:

A: ACN

B: 10mM CO₃(NH₄)₂ + 0.2% NH₄OH

Gradient: 20-60%B in 15 min, 5 min at 60%B, 15 min equilibration at 20%B

Flow rate: 100 μ L/min

Detection: FTMS, ESI negative mode, scan 100-1000 m/z

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