Materials List for:

Optimized HPLC-MS Method for the High-Throughput Analysis of Clinical Samples of Ivacaftor, Its Major Metabolites, and Lumacaftor in Biological Fluids of Cystic Fibrosis Patients

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Materials

Name	Company	Catalog Number	Comments
IVA (Cat#S114)	SelleckChem (USA).		
LUMA (Cat#S1565)	SelleckChem (USA).		
IVA-carboxylate (Cat# 510242247CS)	Clearsynth (Canada).		
hydroxymethyl-IVA (Cat# 510240849CS)	Clearsynth (Canada).		
Methanol (MeOH, LC-MS grade),	Sigma-Aldrich		
acetonitrile (ACN, LC-MS grade)	Sigma-Aldrich		
formic acid (FA)	Sigma-Aldrich		
triple-quadrupole Shimadzu 8030 LC-MS			
Phenomenex Kinetex (2.6 µm C8 100 Å; 50 × 2.1mm)			
(KrudKatcher Ultrea HPLC In-Line Filter 0.5 m Depth Filter x 0.004inID).			
1.5 mL polypropylene microcentrifuge tube (VWR).			
Eppendorf Centrifuge 5430			
13-mm syringe filter (0.45 µm nylon, GRACE, USA)			
[Phenomenex VEREX, 9 mm, PP, 300 µL, PTFE/Silicone septa].			