Supplementary Material

DEVELOPMENT OF A NOVEL HPLC METHOD FOR THE DETERMINATION OF AXITINIB IN HUMAN PLASMA BASED ON FLUORIMETRIC DETECTION AND PRECOLUMN DERIVATIZATION WITH 7-CHLORO-4-NITROBENZOFURAZAN: APPLICATION TO A PROTOTYPE PHARMACOKINETIC STUDY**

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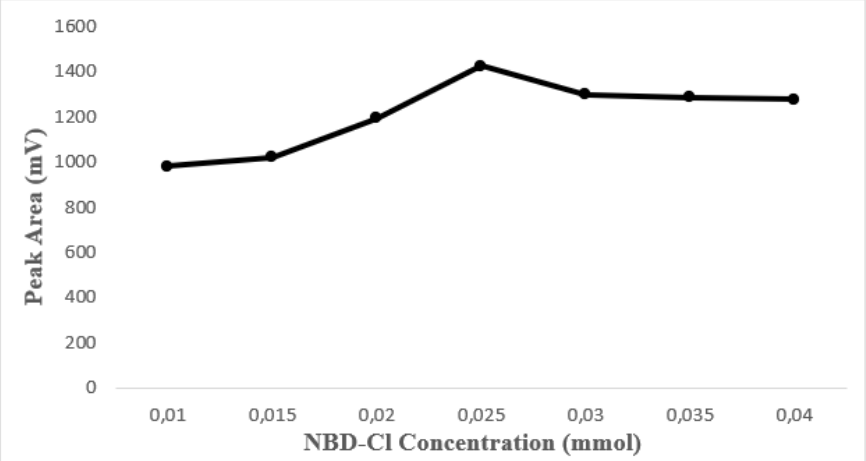
Figure S1: Effect of NBD-Cl concentration on derivatization reaction

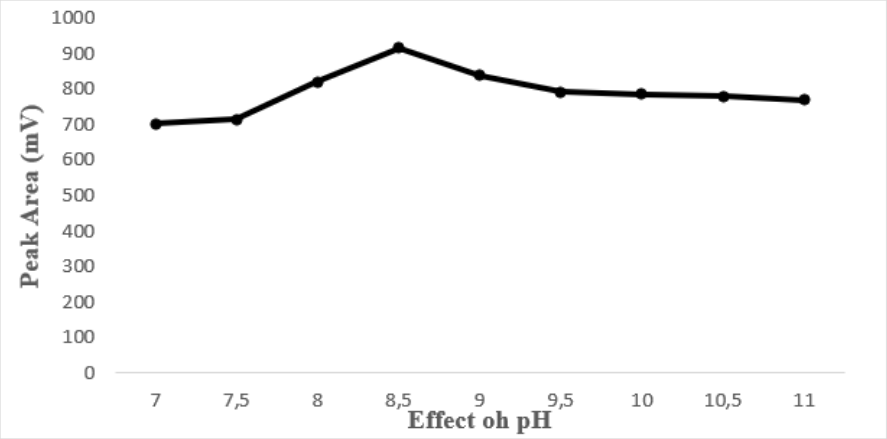
Figure S2: Effect on pH on derivatization reaction

Figure S3: Effect of temperature on derivatization reaction

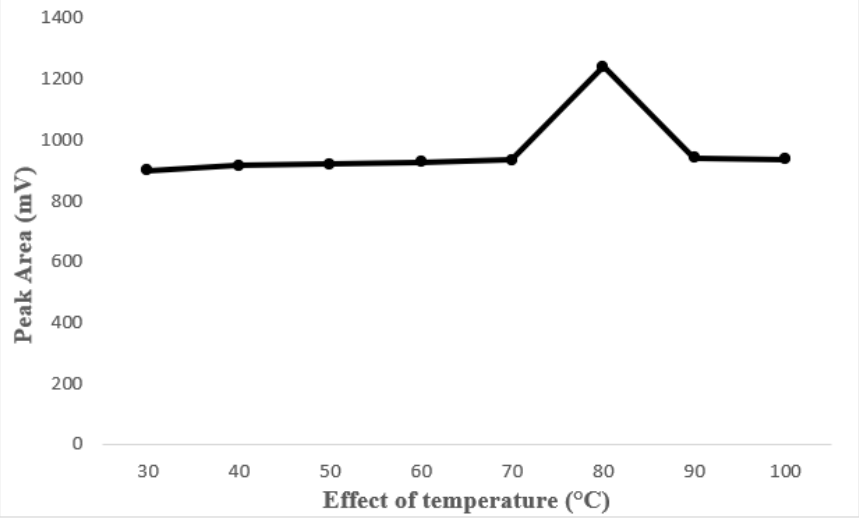
Figure S4: 0.01 ng/mL axitinib spiked to plasma



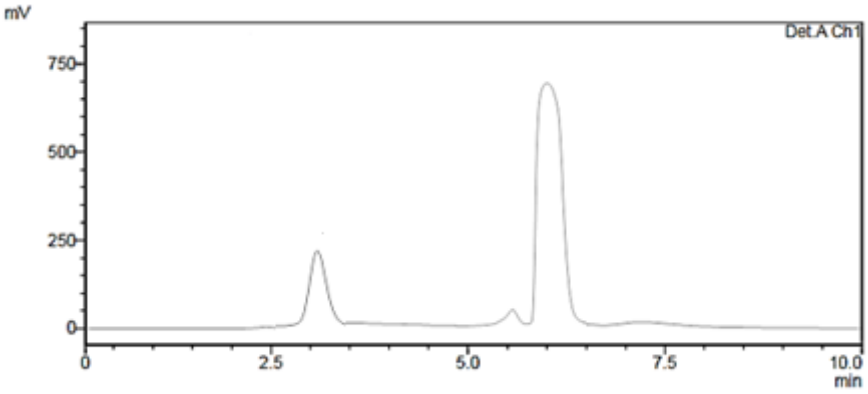
S1


Peak Area (mV)
1000
900
800
700
600
500
400
300
200
100
0
7
7,5
8
8,5
9
9,5
10
10,5
11
Effect oh pH

S2


Peak Area (mV)
1400
1200
1000
800
600
400
200
0
30
40
50
60
70
80
90
100
Effect of temperature (°C)

S3


mV
Det.A Ch1
750
500
250
0
0
2.5
5.0
7.5
10.0
min

S4