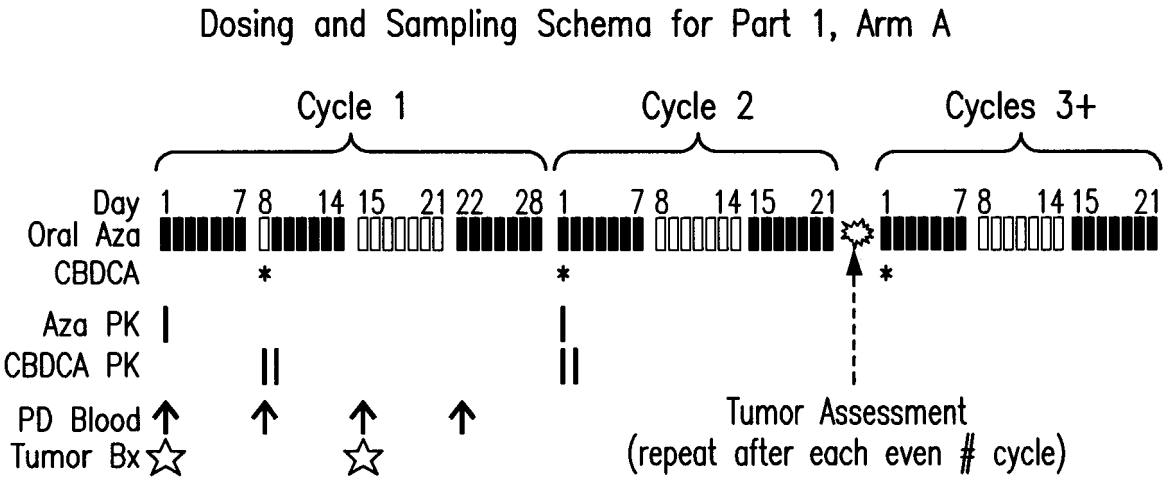

Dosing and Sampling Schema for Part 1, Arm A
Cycle 1
Cycle 2
Cycles 3+
Day 1 7 8 14 15 21 22 28 1 7 8 14 15 21 1 7 8 14 15 21
Oral Aza
CBDCA
Aza PK
CBDCA PK
PD Blood
Tumor Bx
Tumor Assessment
(repeat after each even # cycle)

FIG. 1

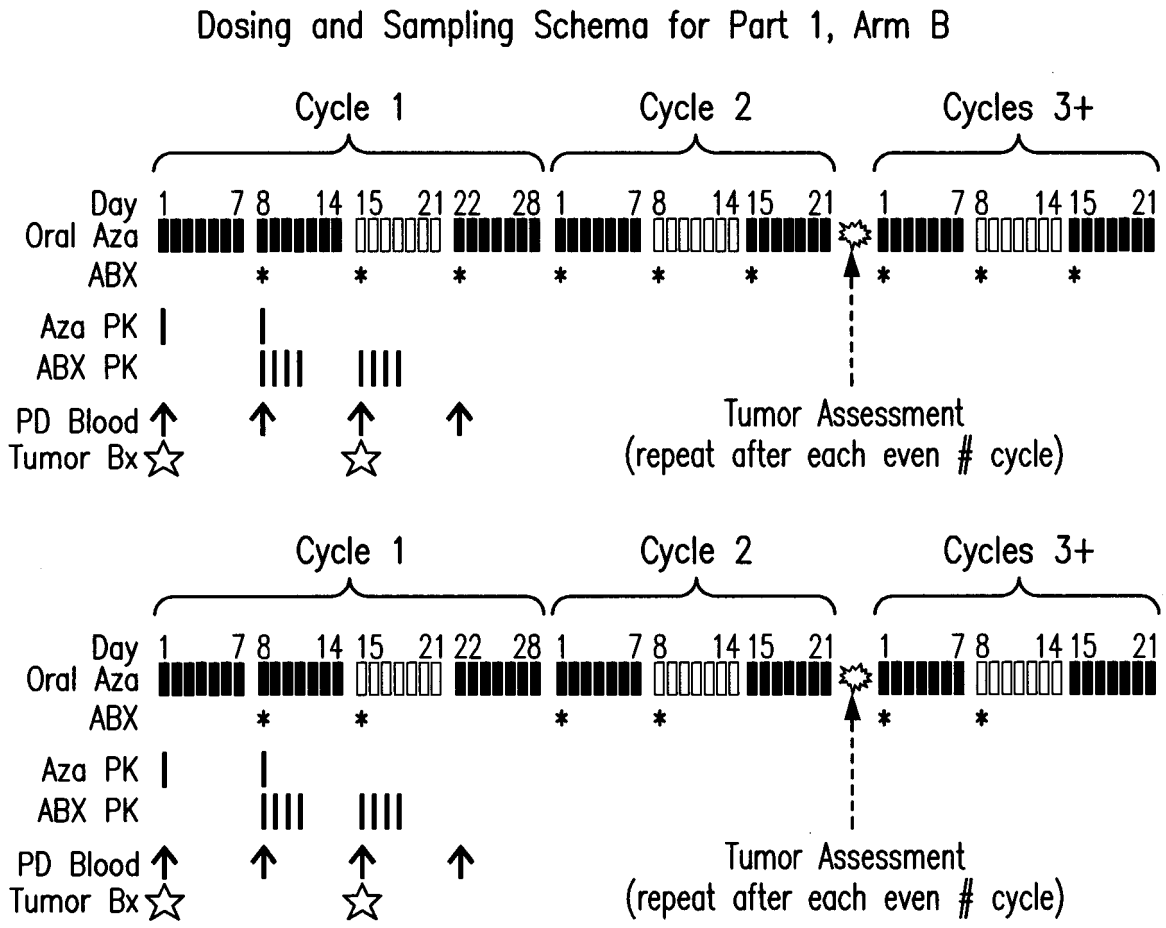

Dosing and Sampling Schema for Part 1, Arm B
Cycle 1
Cycle 2
Cycles 3+
Day 1 7 8 14 15 21 22 28 1 7 8 14 15 21 1 7 8 14 15 21
Oral Aza
ABX
Aza PK
ABX PK
PD Blood
Tumor Bx
Tumor Assessment
(repeat after each even # cycle)
Cycle 1
Cycle 2
Cycles 3+
Day 1 7 8 14 15 21 22 28 1 7 8 14 15 21 1 7 8 14 15 21
Oral Aza
ABX
Aza PK
ABX PK
PD Blood
Tumor Bx
Tumor Assessment
(repeat after each even # cycle)

FIG. 2

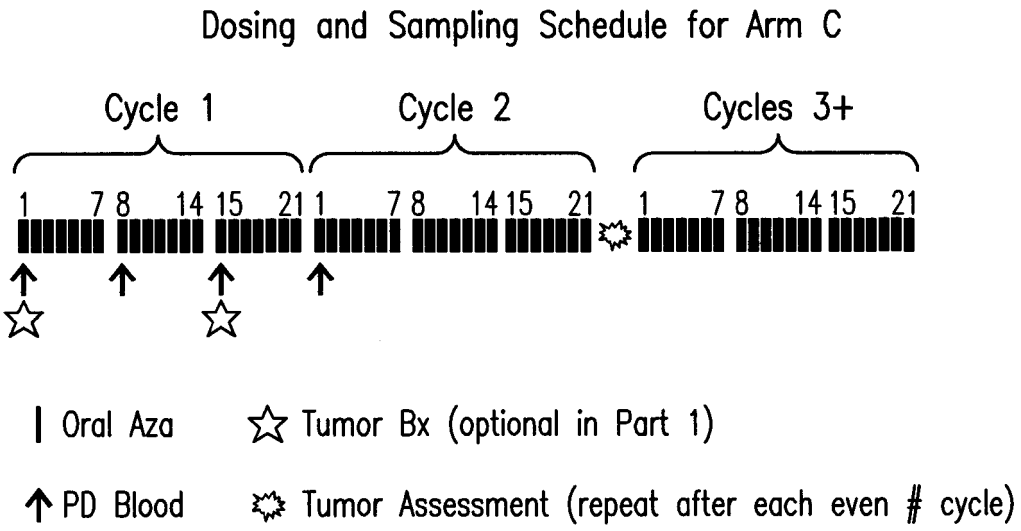

Dosing and Sampling Schedule for Arm C
Cycle 1
Cycle 2
Cycles 3+
1 7 8 14 15 21 1 7 8 14 15 21 1 7 8 14 15 21
Oral Aza
Tumor Bx (optional in Part 1)
PD Blood
Tumor Assessment (repeat after each even # cycle)

FIG. 3

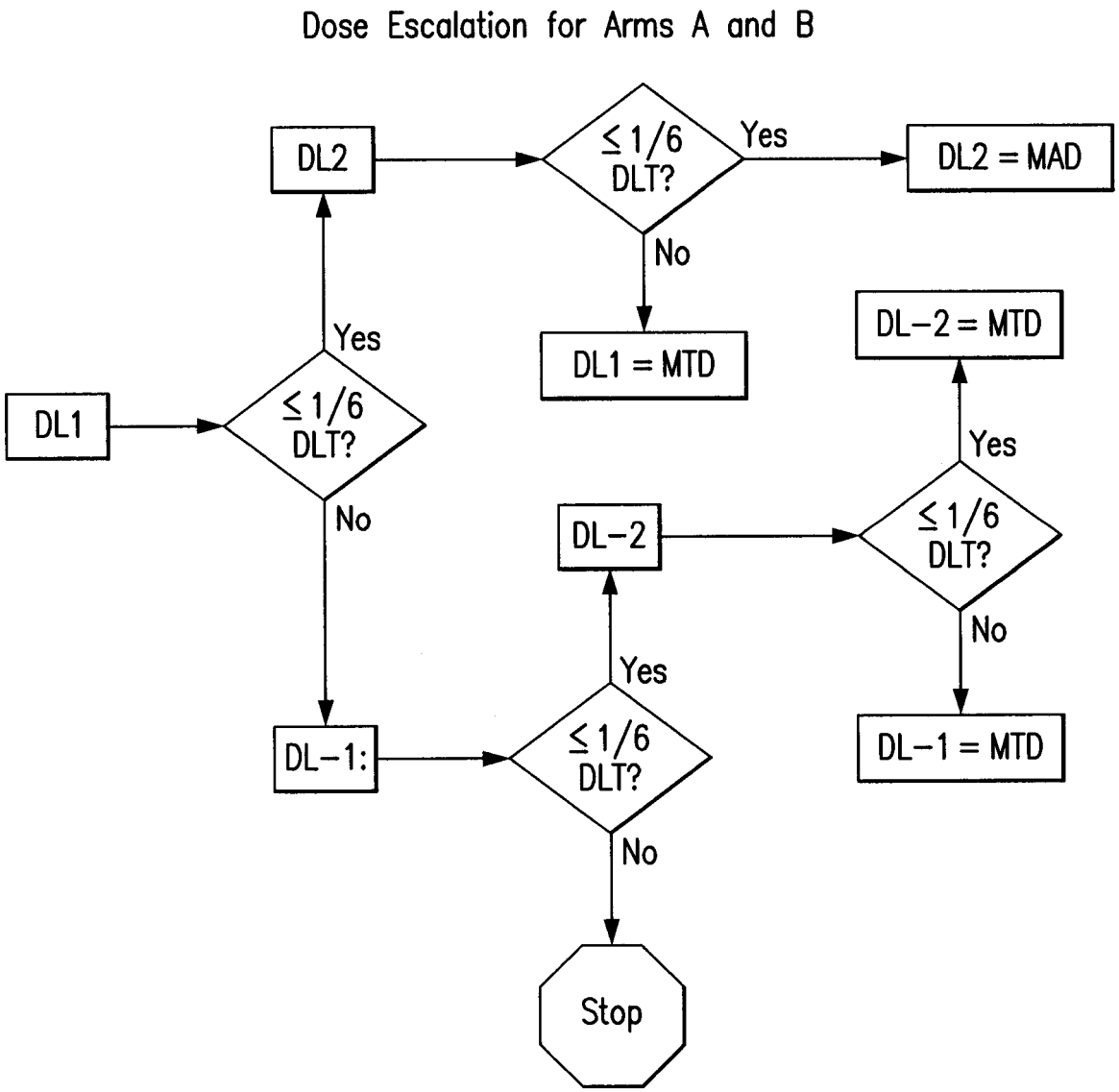

Dose Escalation for Arms A and B
DL2
≤ 1/6 DLT?
Yes
DL2 = MAD
No
DL1 = MTD
DL−2 = MTD
Yes
DL1
≤ 1/6 DLT?
No
DL−2
≤ 1/6 DLT?
Yes
No
DL−1:
≤ 1/6 DLT?
Yes
DL−1 = MTD
No
Stop

FIG. 4

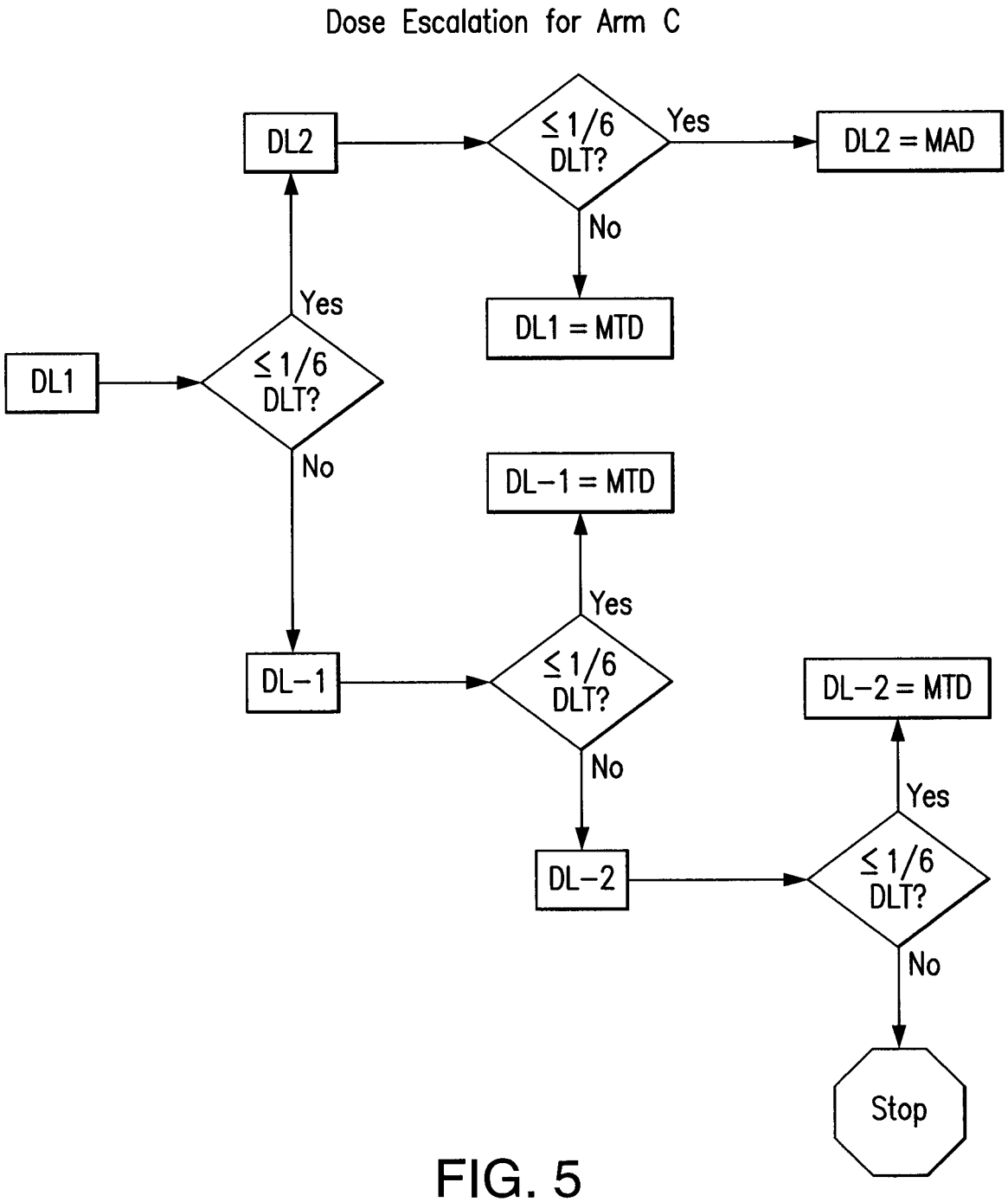

Dose Escalation for Arm C
DL2
≤ 1/6 DLT?
Yes
DL2 = MAD
No
DL1 = MTD
Yes
DL1
≤ 1/6 DLT?
No
DL−1 = MTD
Yes
DL−1
≤ 1/6 DLT?
DL−2 = MTD
No
Yes
DL−2
≤ 1/6 DLT?
No
Stop

FIG. 5

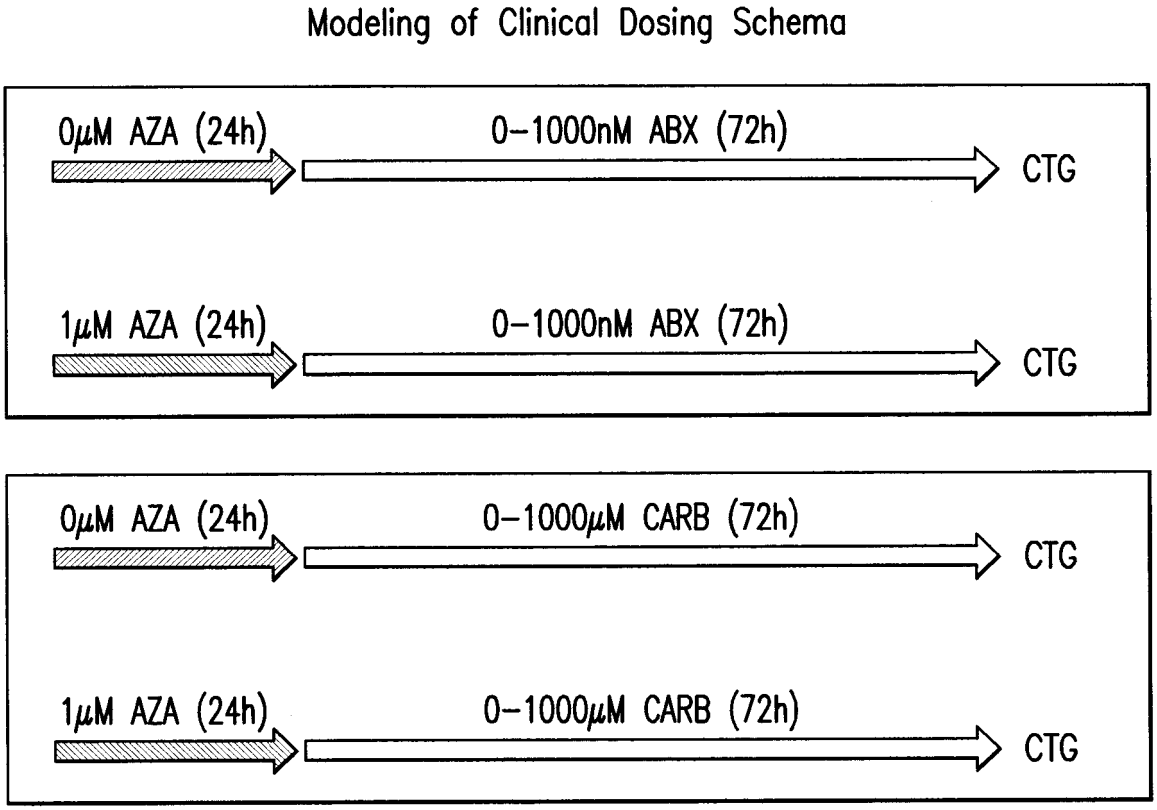

Modeling of Clinical Dosing Schema
0μM AZA (24h)
0-1000nM ABX (72h)
CTG
1μM AZA (24h)
0-1000nM ABX (72h)
CTG
0μM AZA (24h)
0-1000μM CARB (72h)
CTG
1μM AZA (24h)
0-1000μM CARB (72h)
CTG

FIG. 6