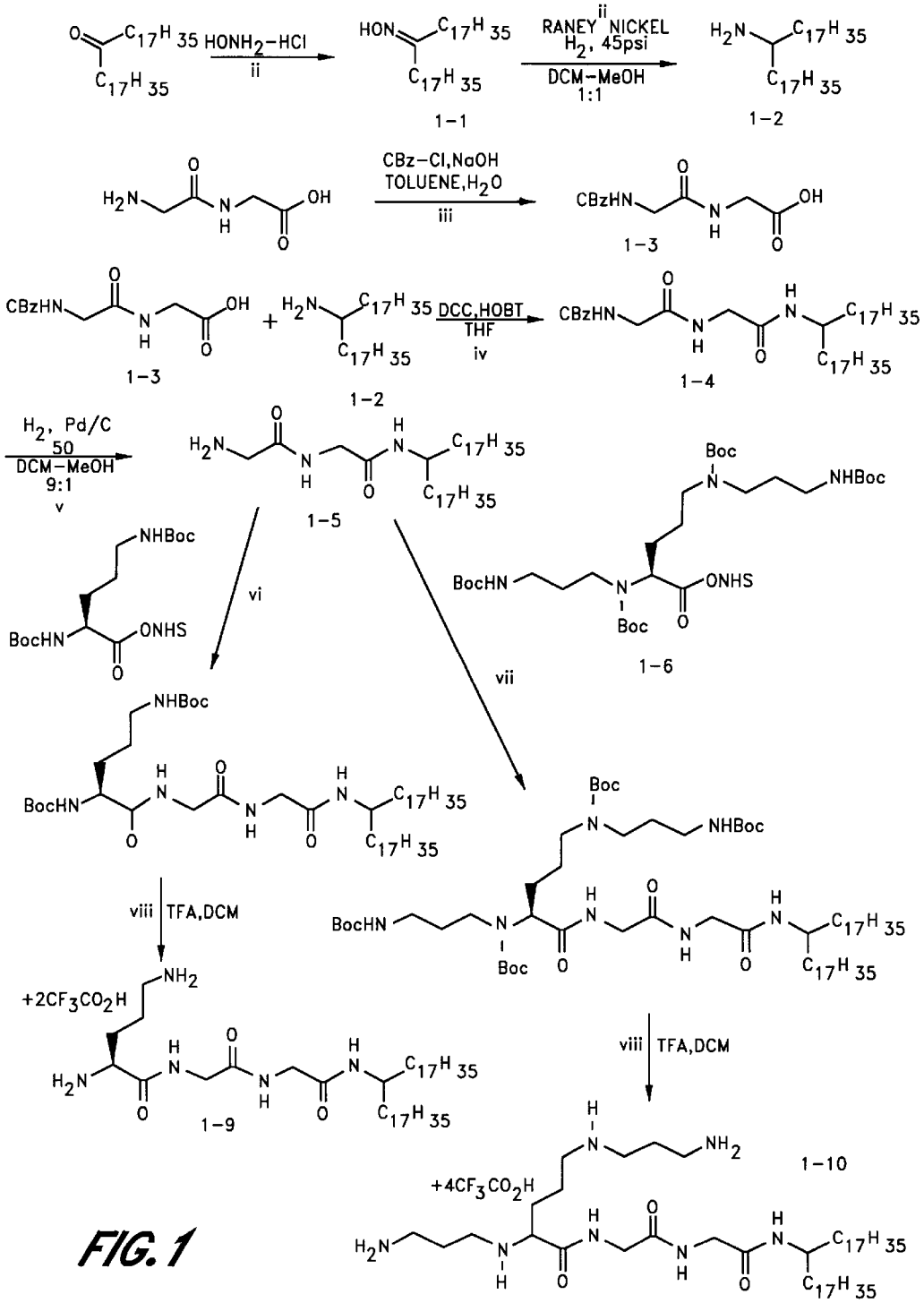
HONH2-HCl
ii
RANEY NICKEL
H2, 45psi
DCM-MeOH
1:1
1-1
1-2
CBz-Cl,NaOH
TOLUENE,H2O
iii
1-3
DCC,HOBT
THF
iv
1-4
H2, Pd/C
50
DCM-MeOH
9:1
v
1-5
vi
vii
1-6
viii TFA,DCM
+2CF3CO2H
1-9
+4CF3CO2H
1-10

FIG. 1