

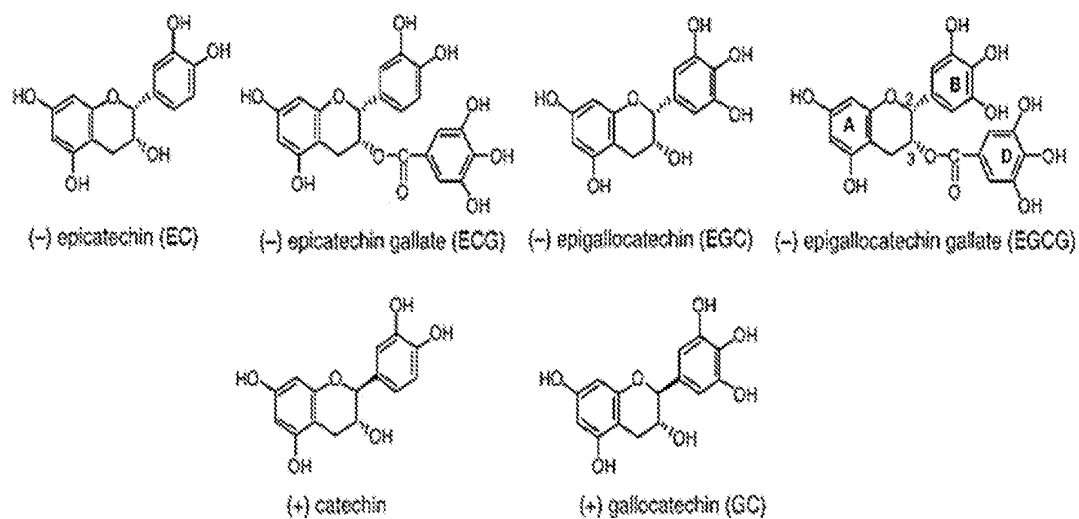


FIG. 1A

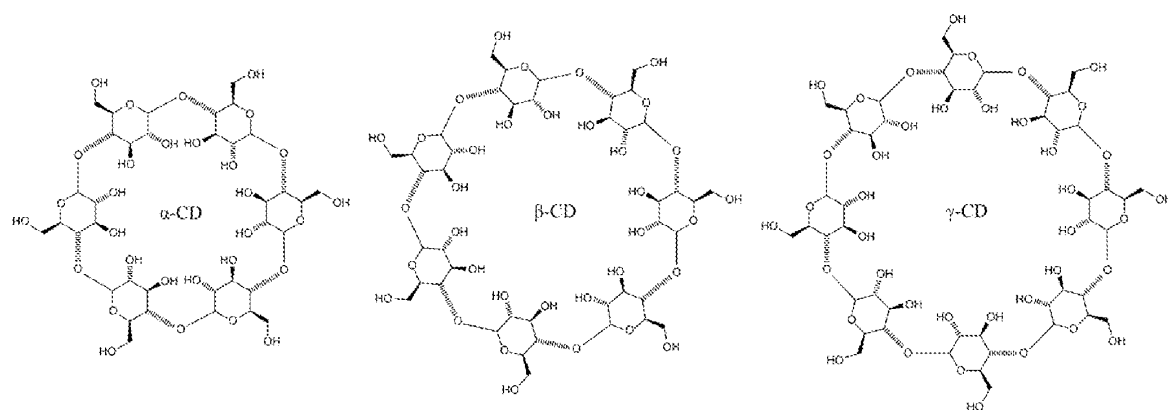
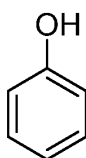
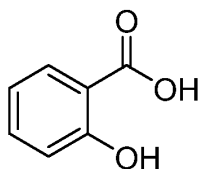
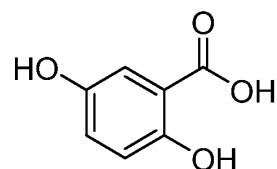
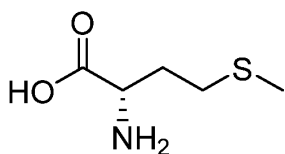
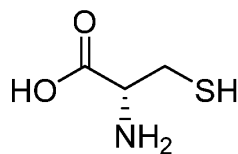
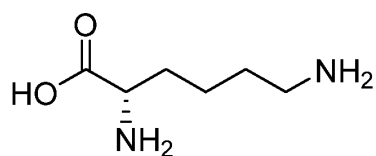
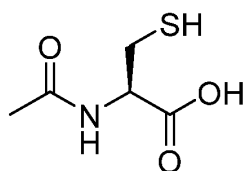
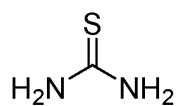
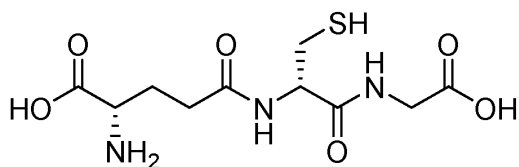
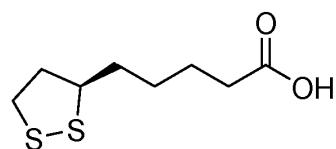


FIG. 1B

**Phenol****Salicylic Acid****Gentisic Acid****FIG. 1C*****L*-Methionine*****L*-Cysteine*****L*-Lysine*****N*-Acetyl-*L*-Cysteine****FIG. 1D****Thiourea*****L*-Glutathione*****Lipoic Acid*****FIG. 1E**

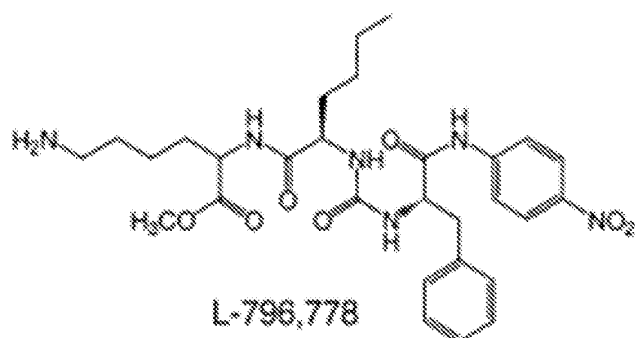
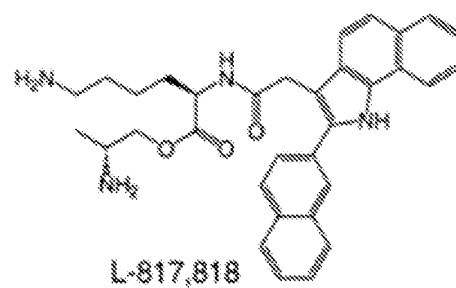
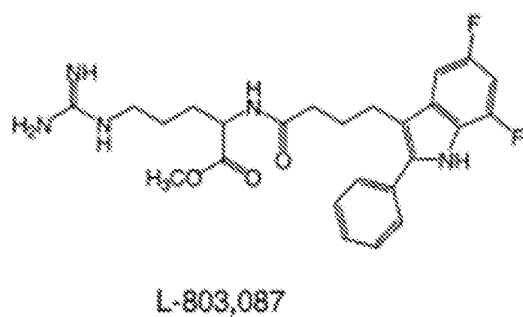
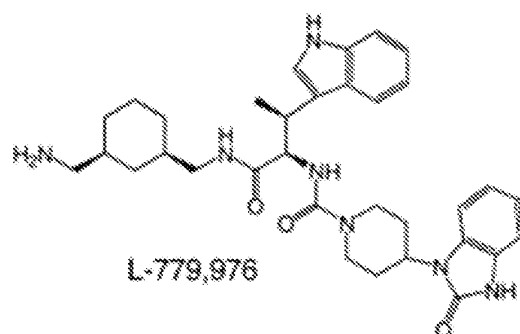
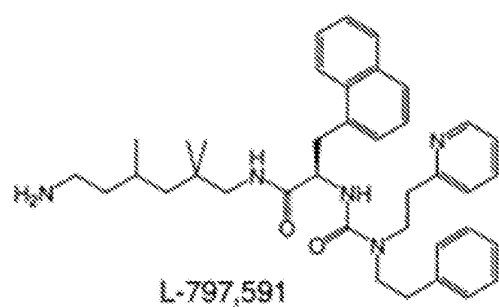
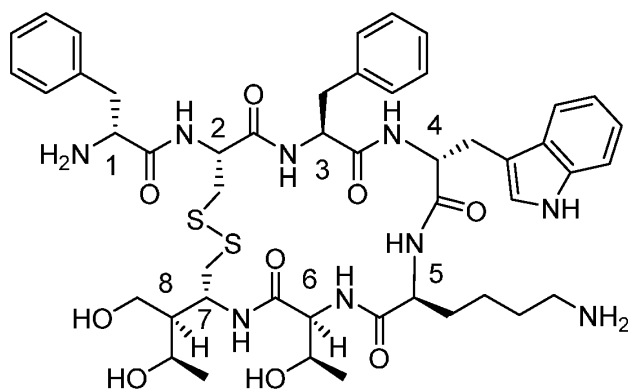


FIG. 2A



Octreotide (OC)

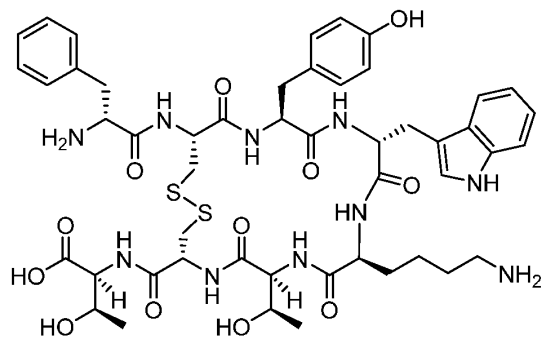
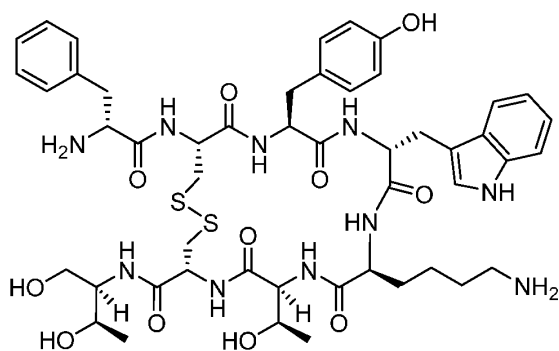
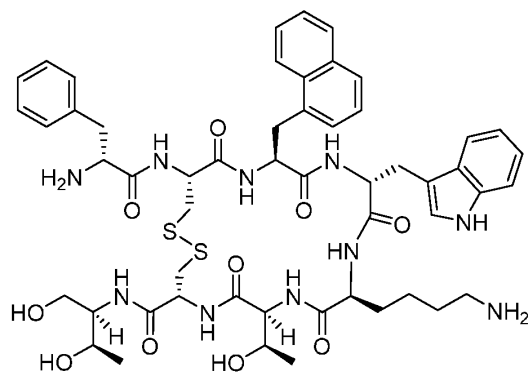
Tyr<sup>3</sup>-Octreotate (TATE)Tyr<sup>3</sup>-Octreotide (TOC)1-Nal<sup>3</sup>-Octreotide (NOC)

FIG. 2B

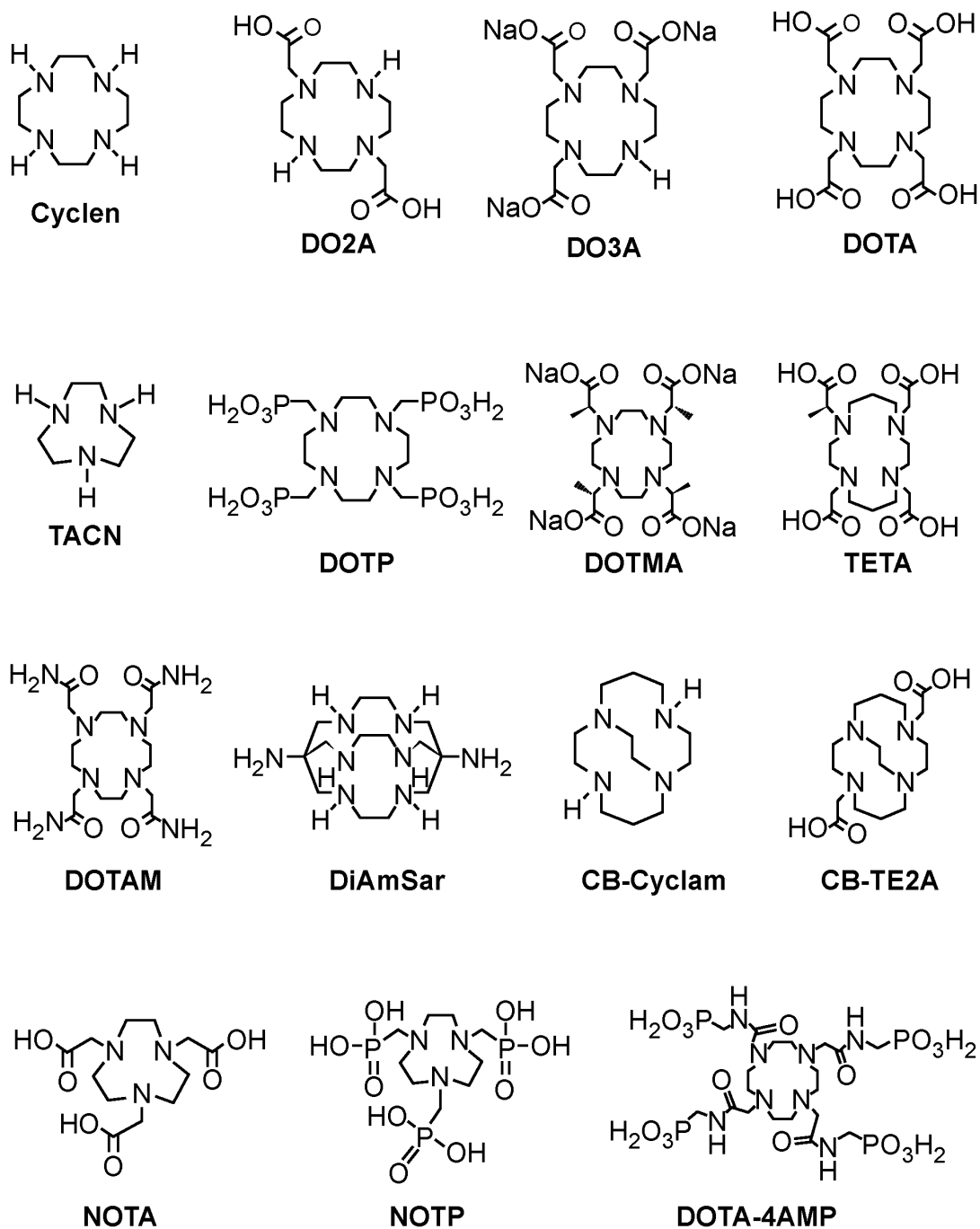


FIG. 3

SUBSTITUTE SHEET (RULE 26)

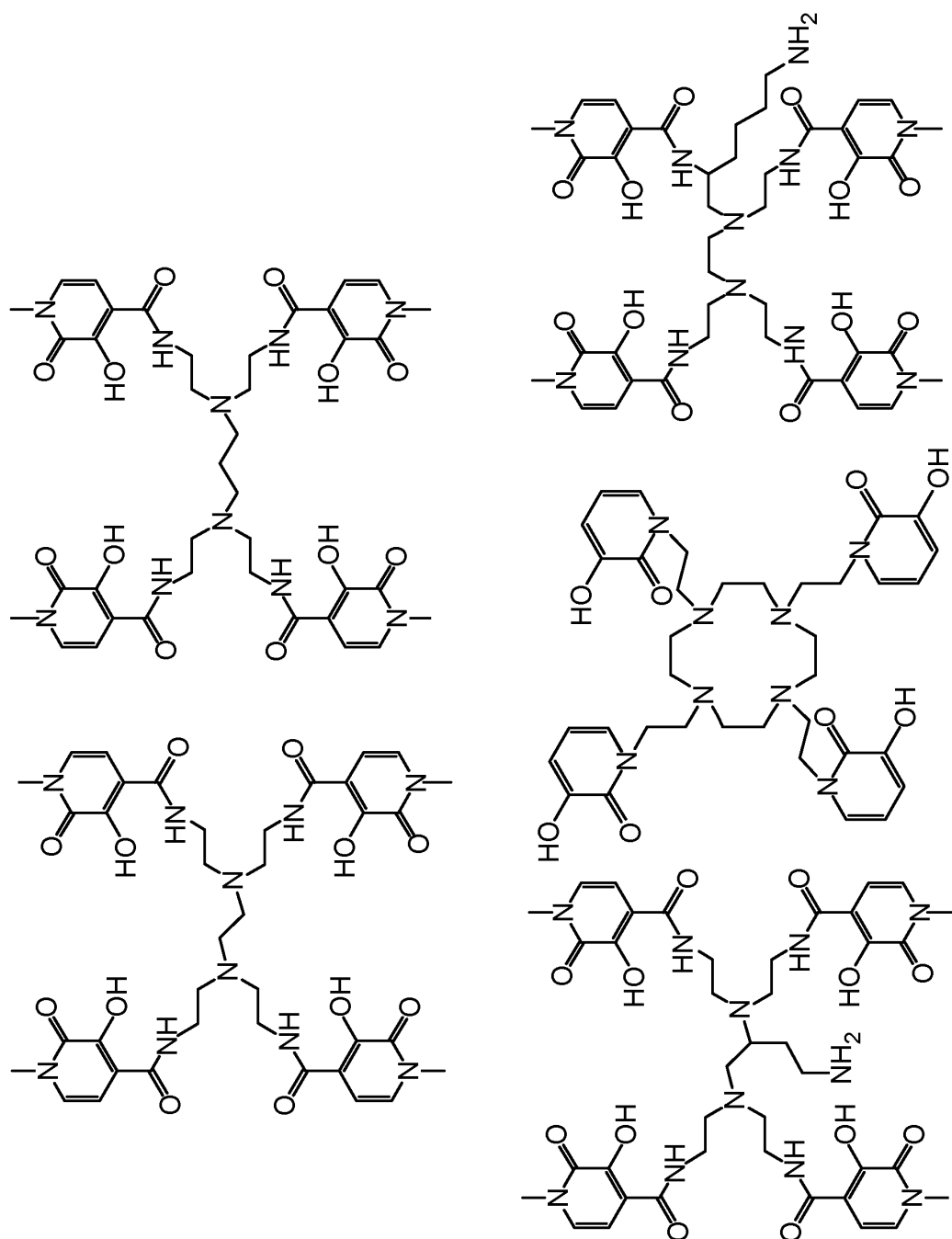


FIG. 4

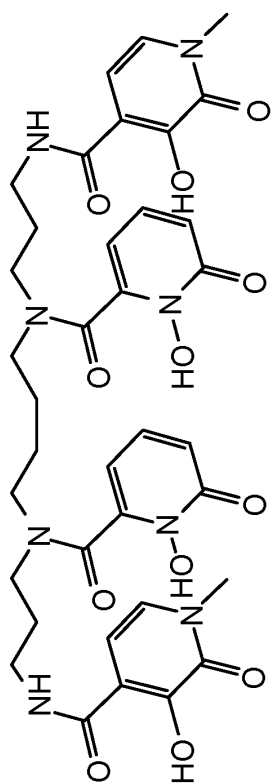


FIG. 4 (Cont.)

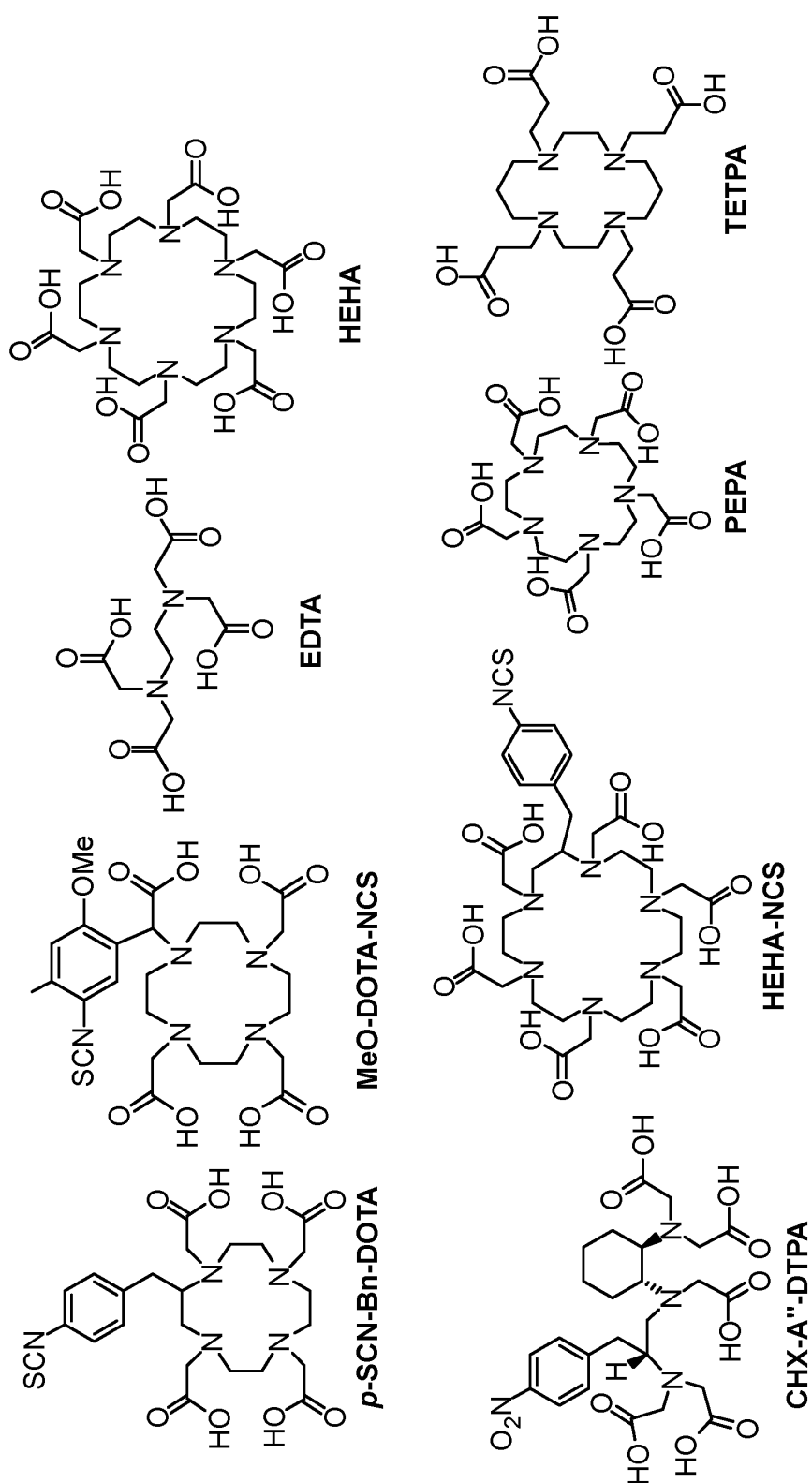


FIG. 5

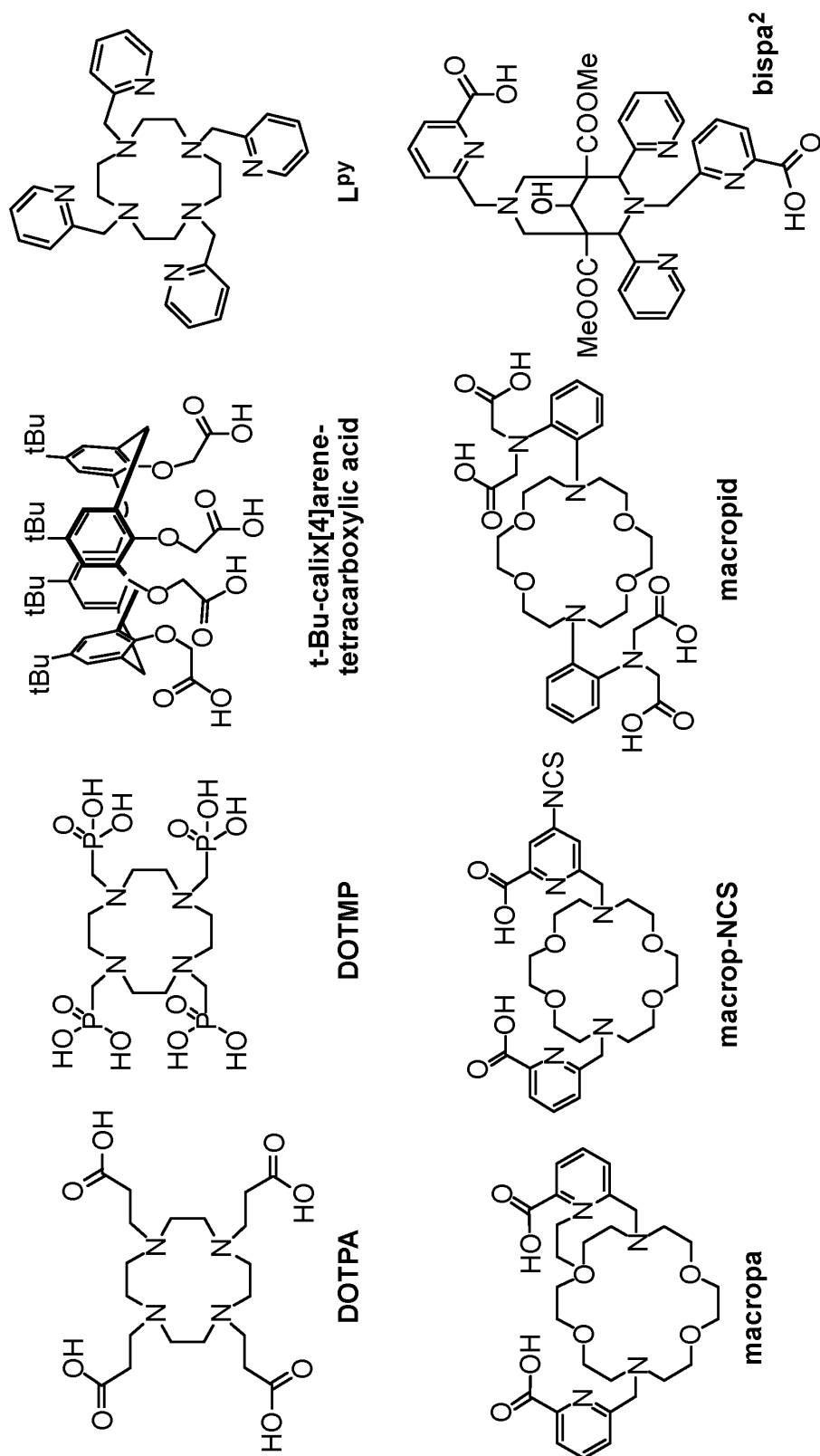


FIG. 5 (Cont.)

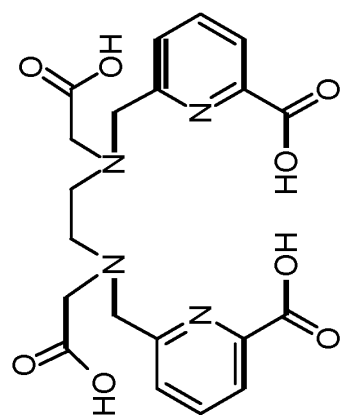
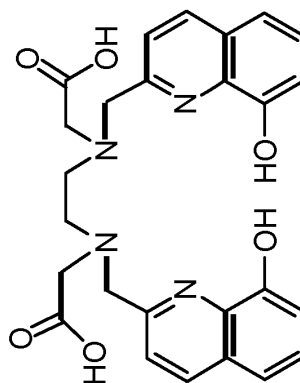
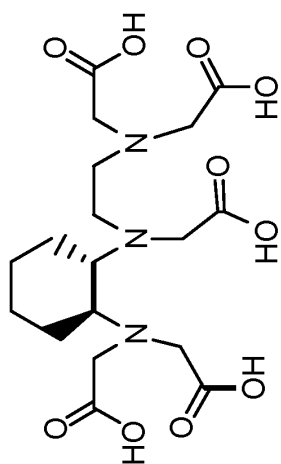
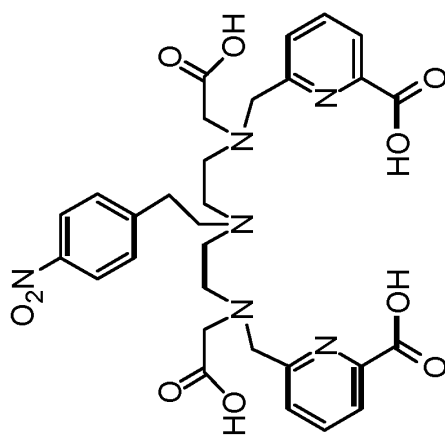
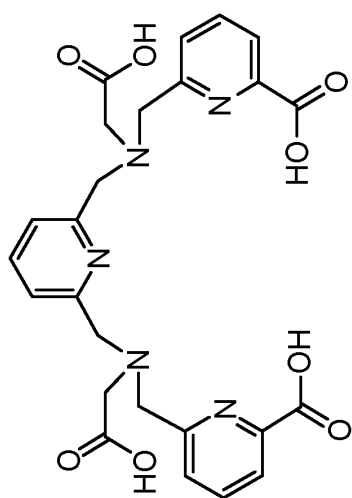
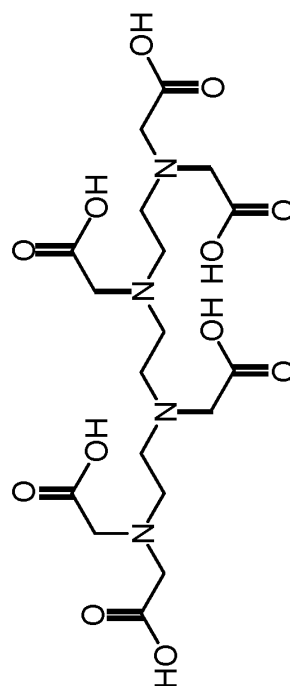
 $H_4octapa$  $H_4octox$  $CHX-A''-DTPA$  $p-NO_2-Bn-neunpa$  $H_4pypa$  $TTHA$ 

FIG. 6

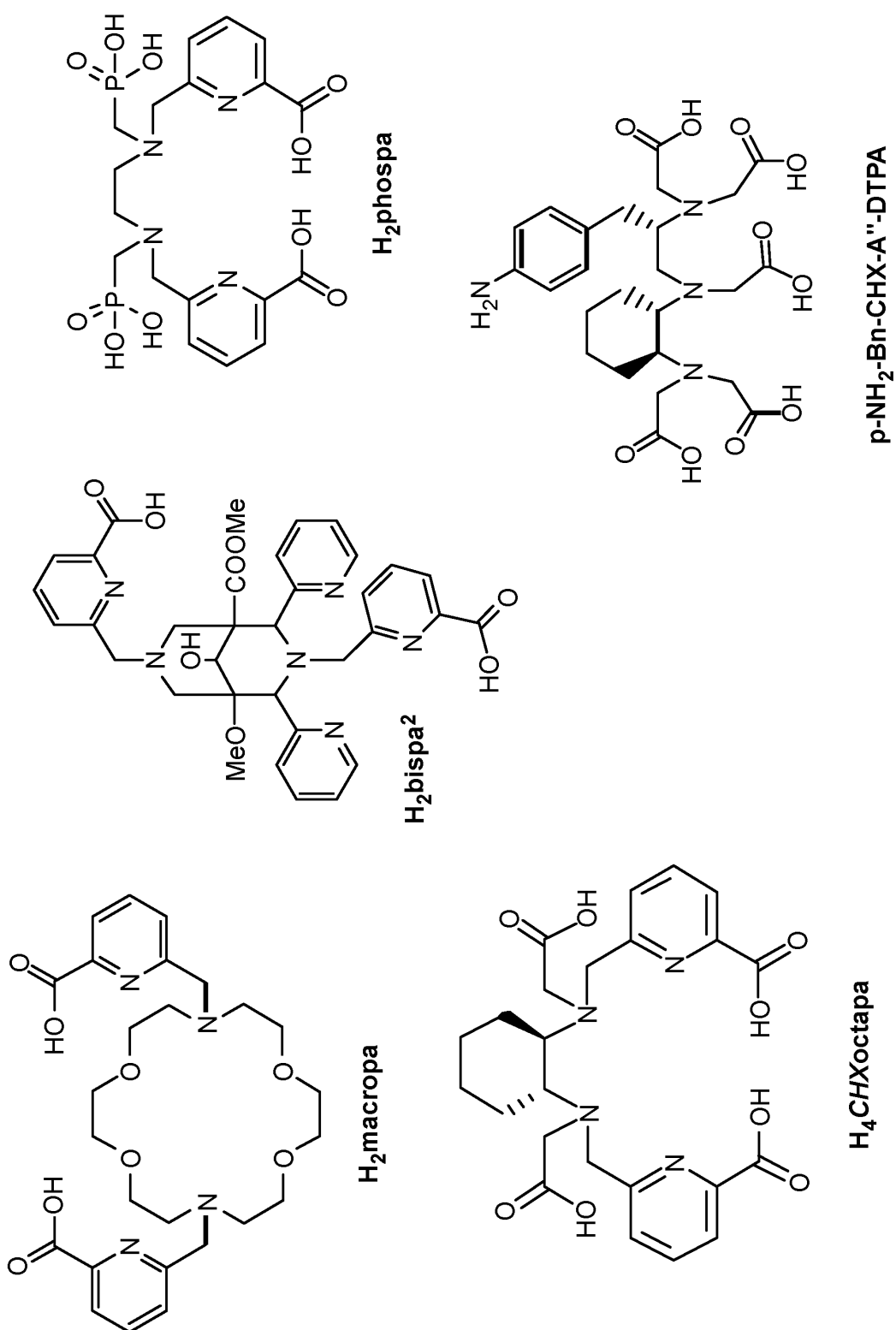


FIG. 6 (Cont.)

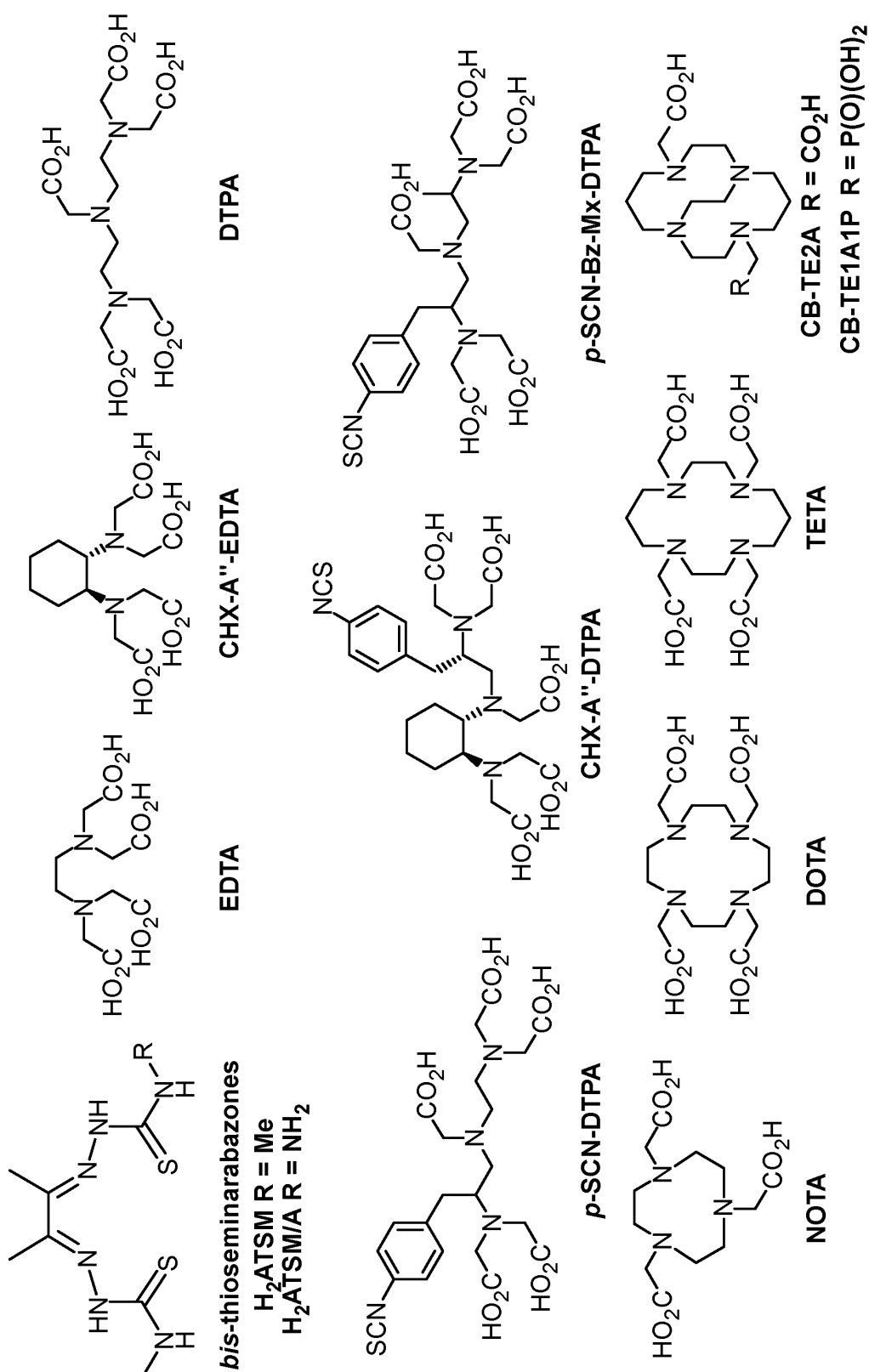


FIG. 7

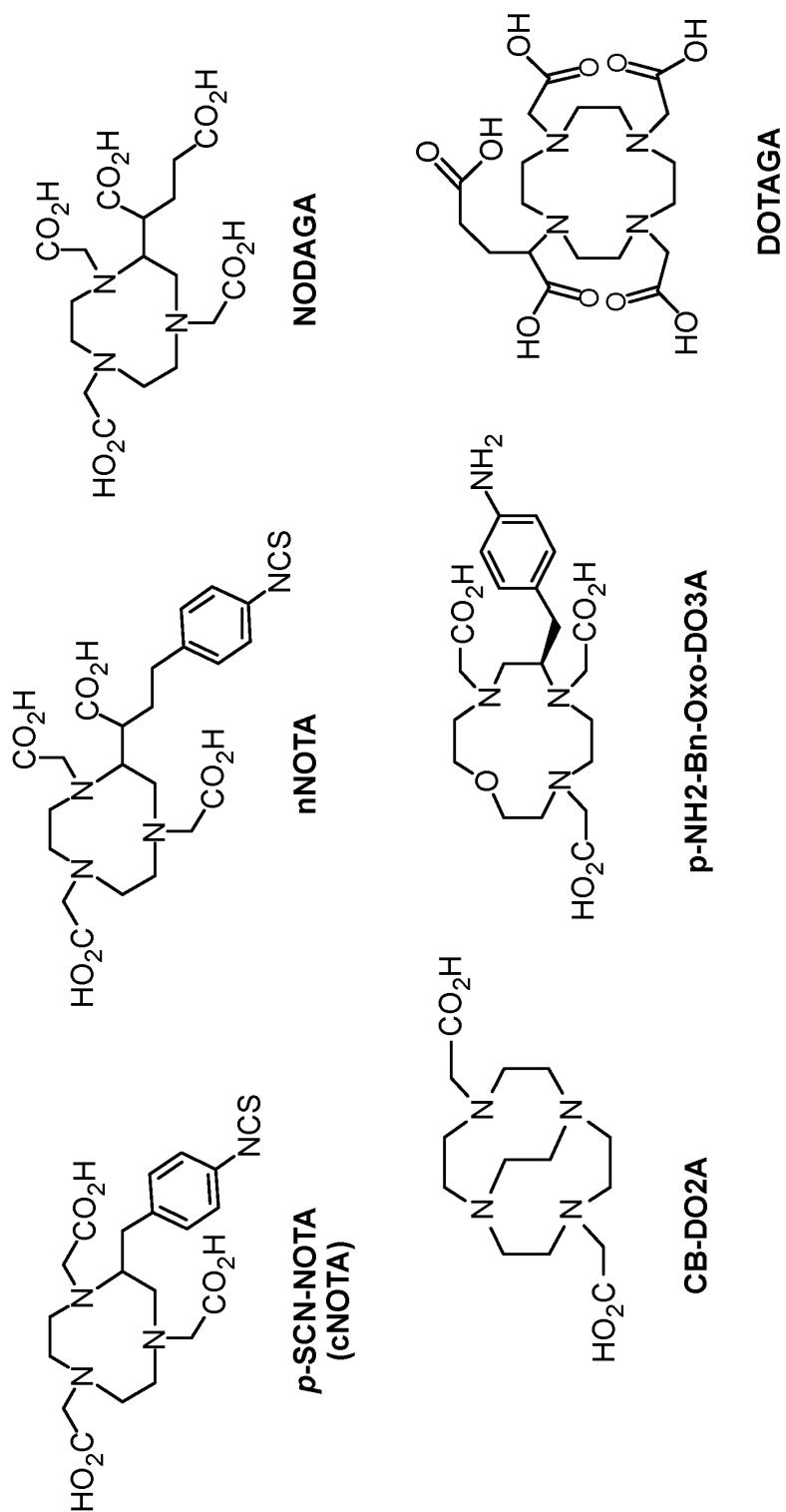


FIG. 7 (Cont.)

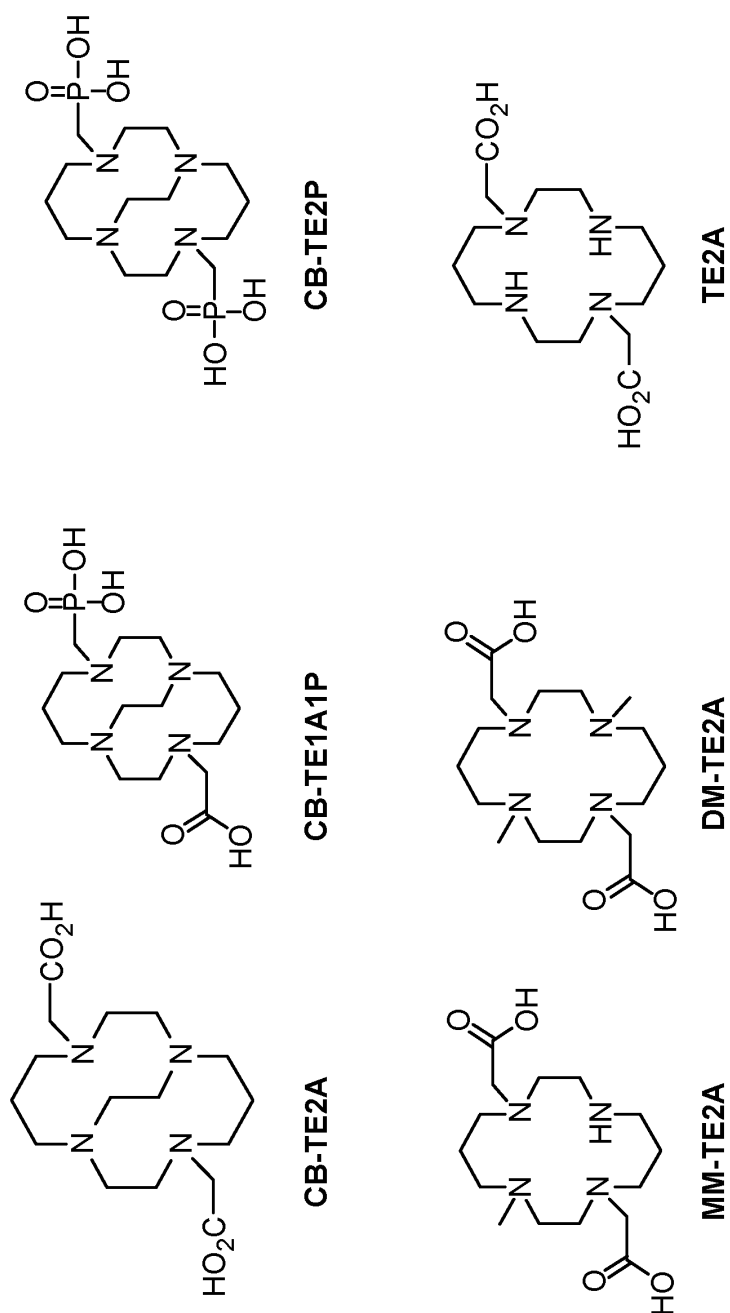


FIG. 8

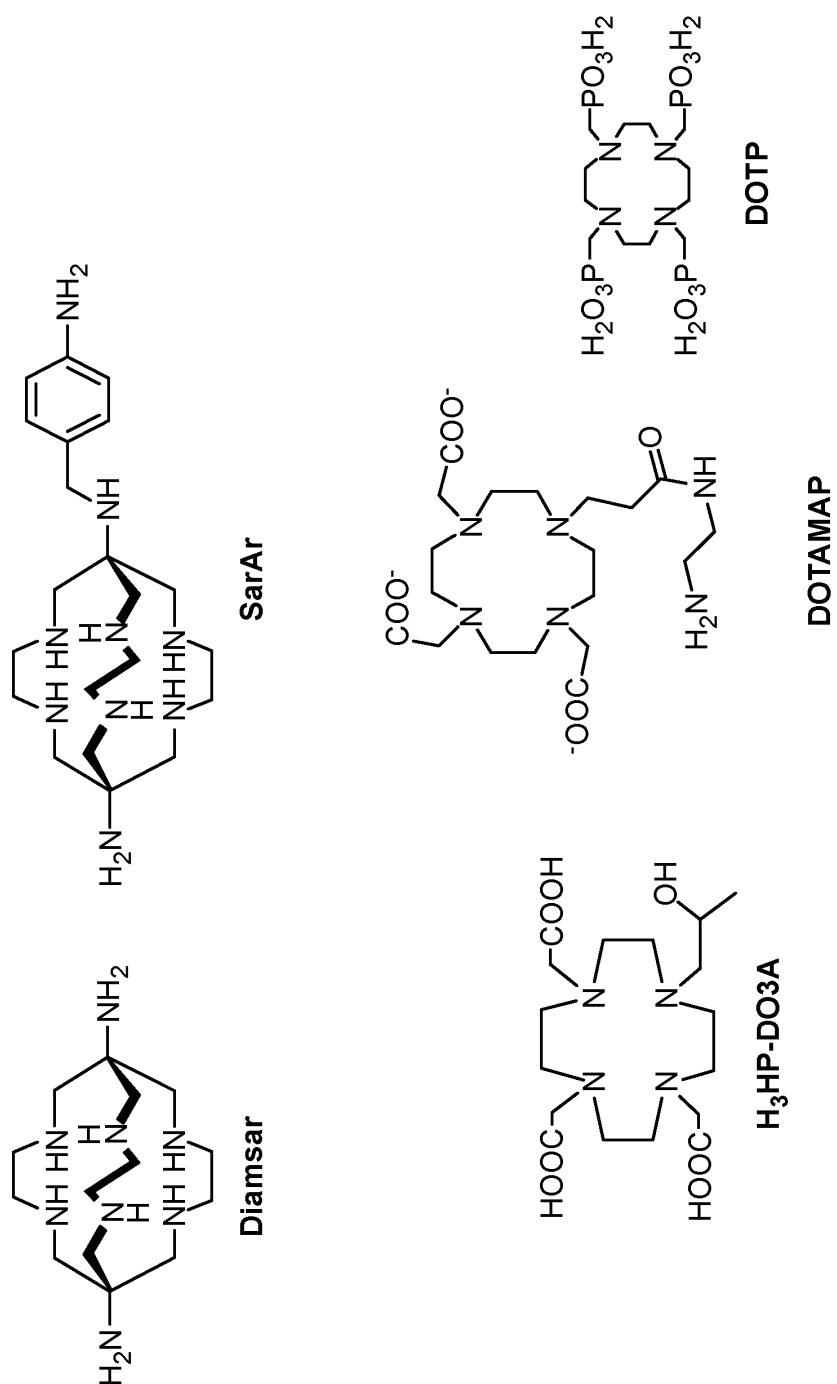


FIG. 8 (Cont.)

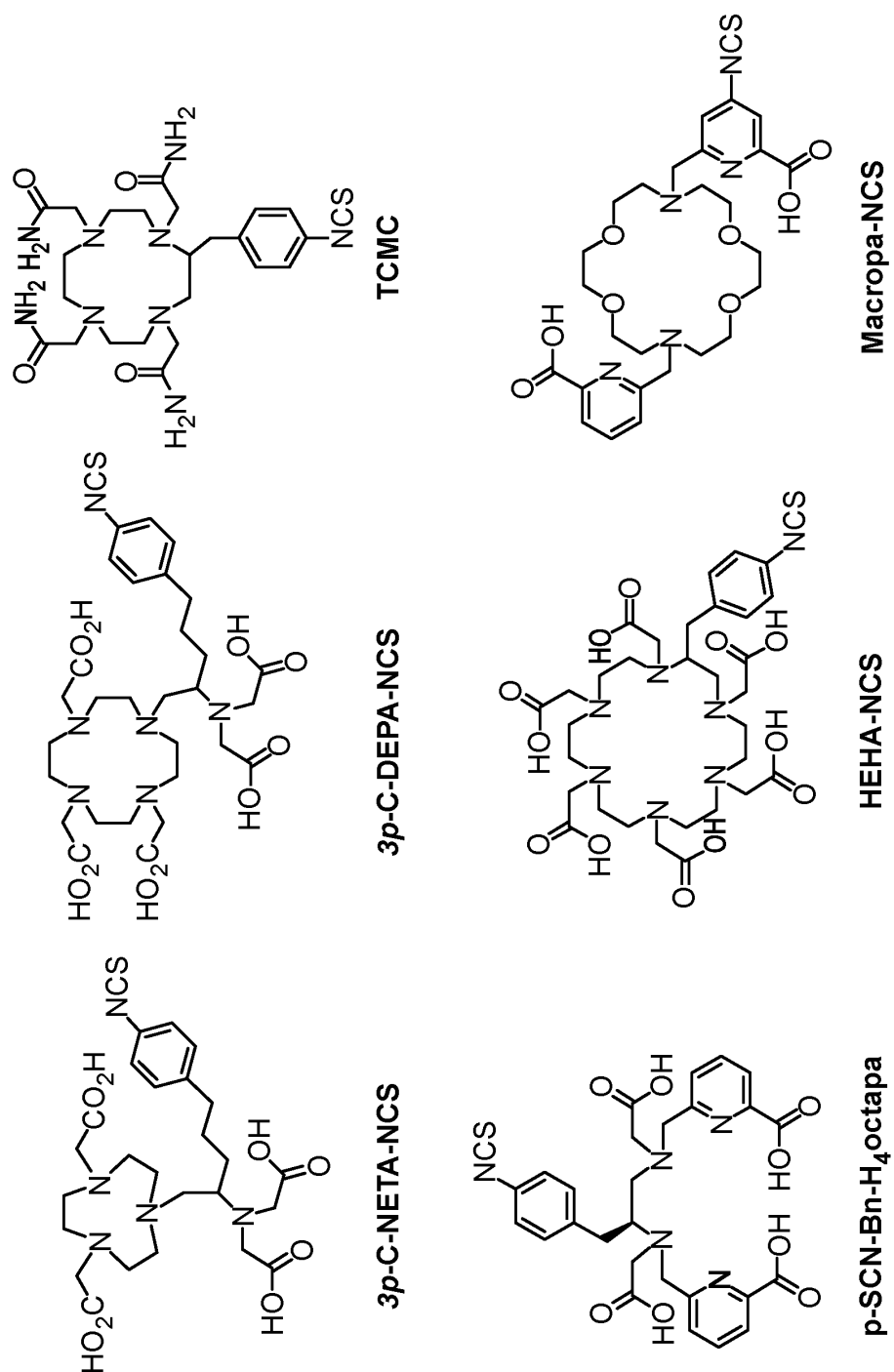


FIG. 9

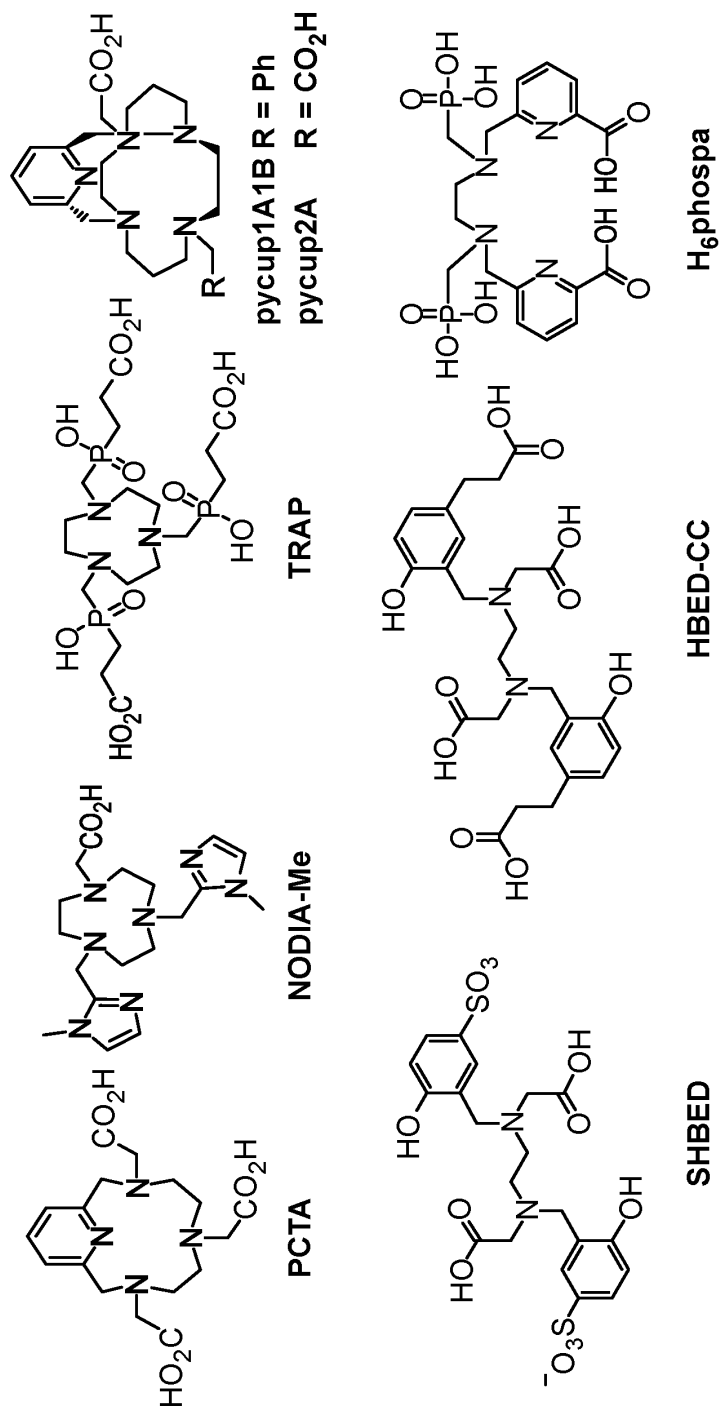


FIG. 9 (Cont.)

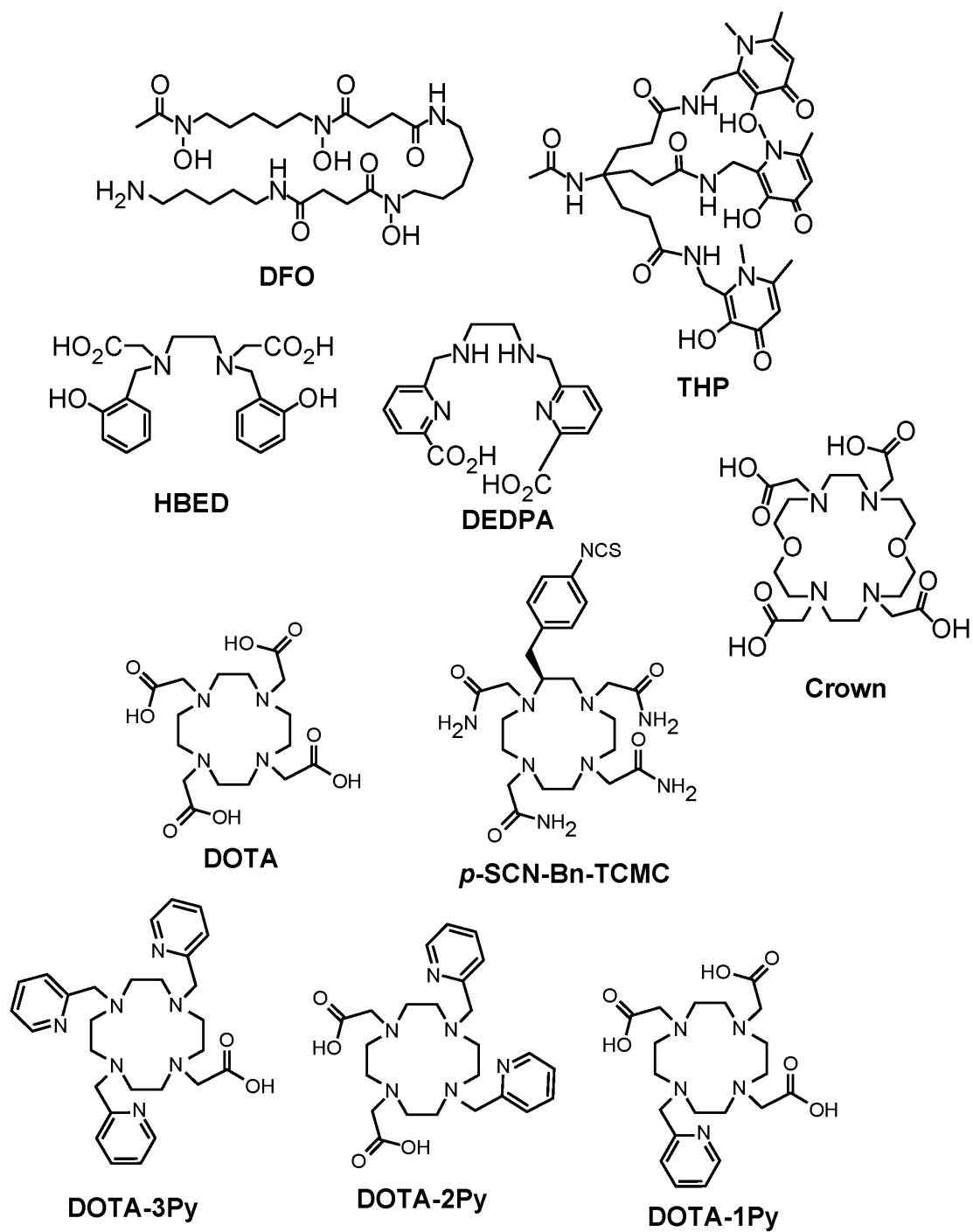


FIG. 10

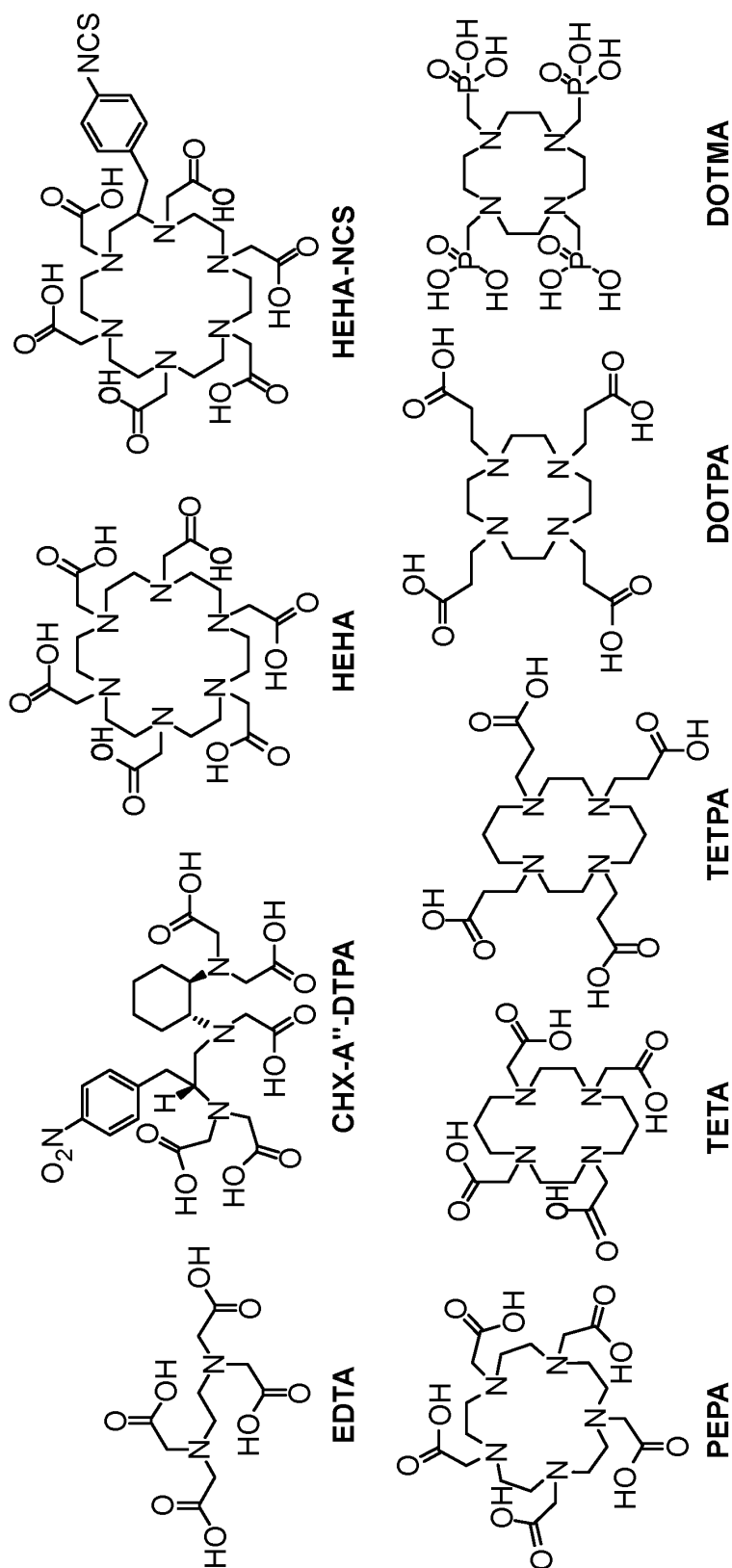


FIG. 11

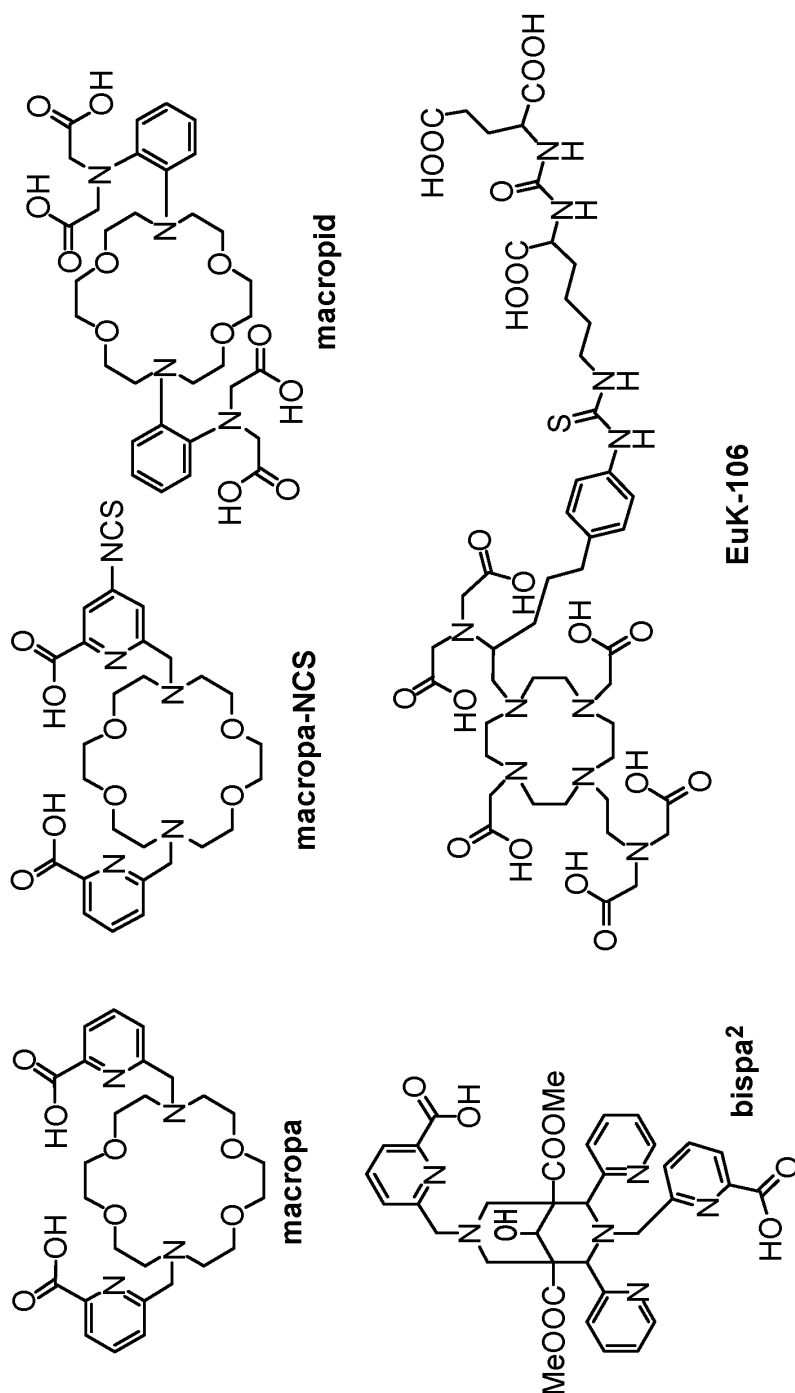


FIG. 11 (Cont. 1)

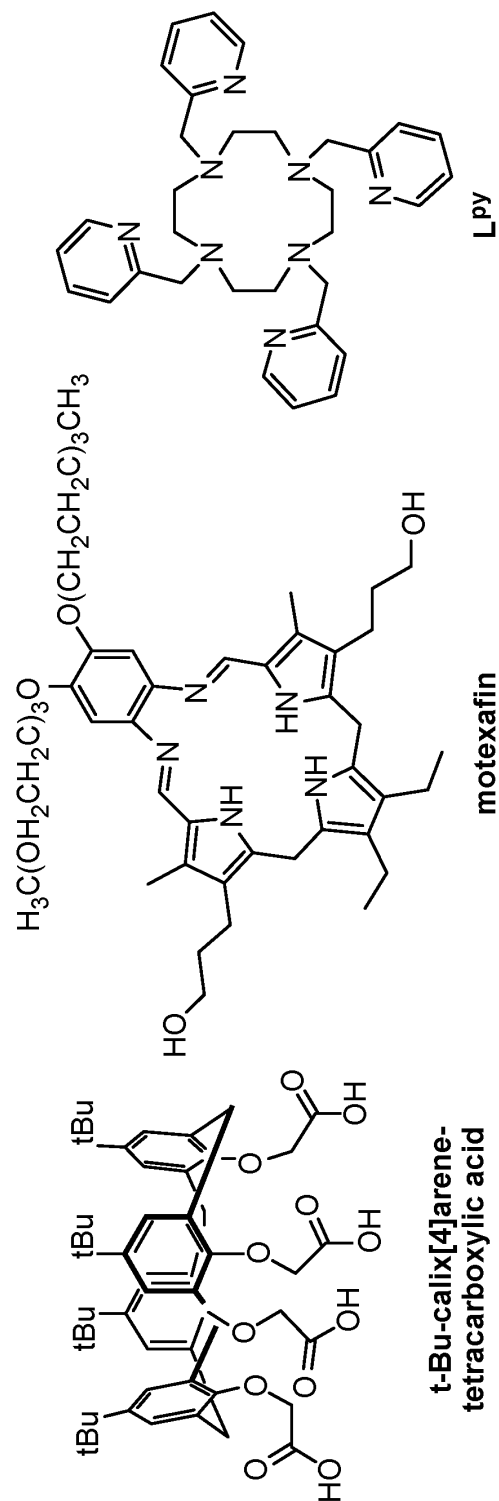
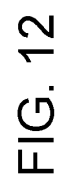
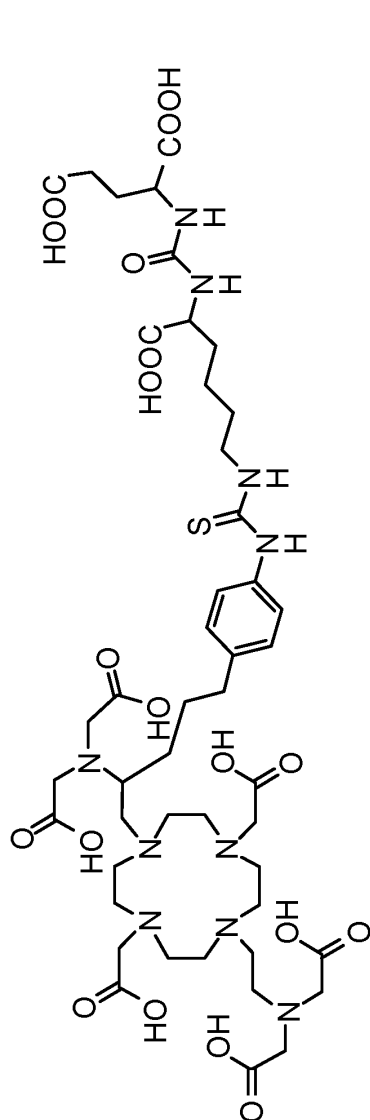
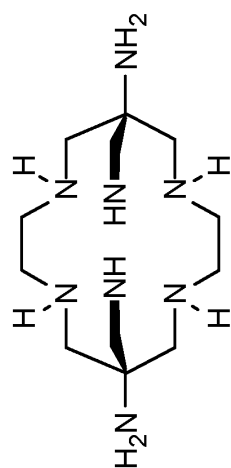


FIG. 11 (Cont. 2)

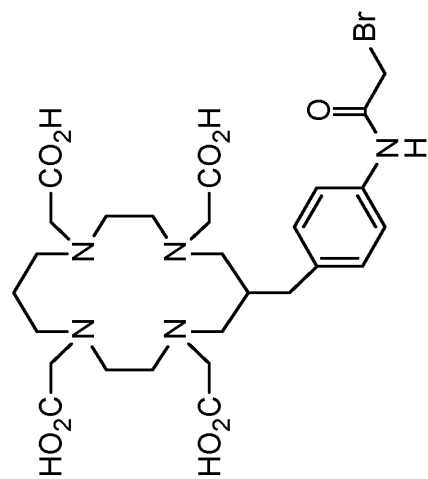




EuK-108

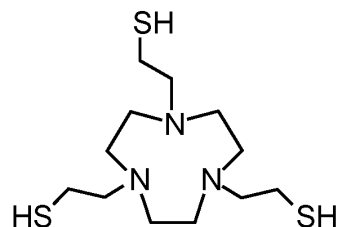
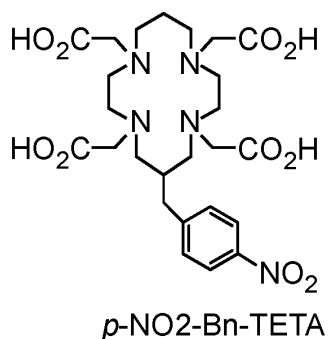


Diamsar

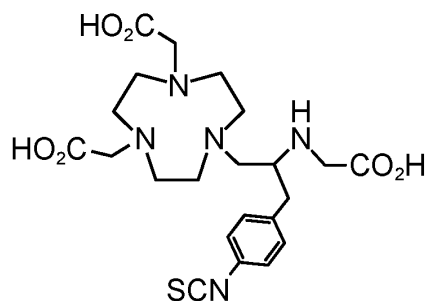
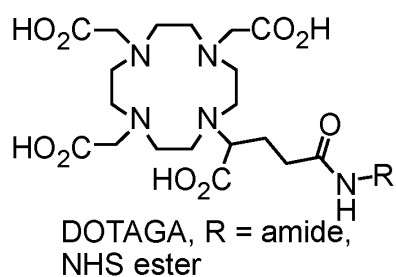
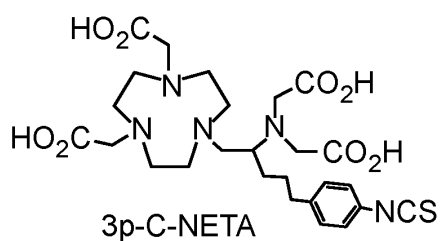
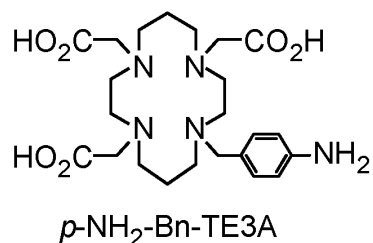


BAT

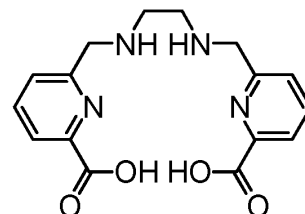
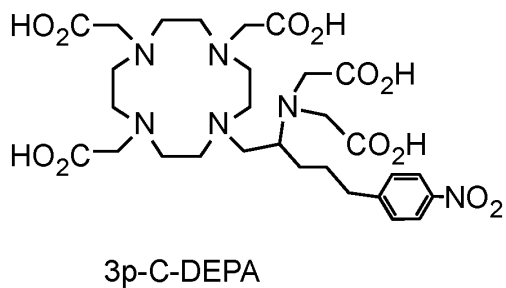
FIG. 12 (Cont.)



TACN-TM, *N,N',N''*, tris(2-mercaptoethyl)-1,4,7-triazacyclononane



C-NE3TA-NCS



H<sub>2</sub>dedpa, 1,2-[[6-(carboxy)-pyridin-2-yl]-methylamino]ethane

FIG. 13

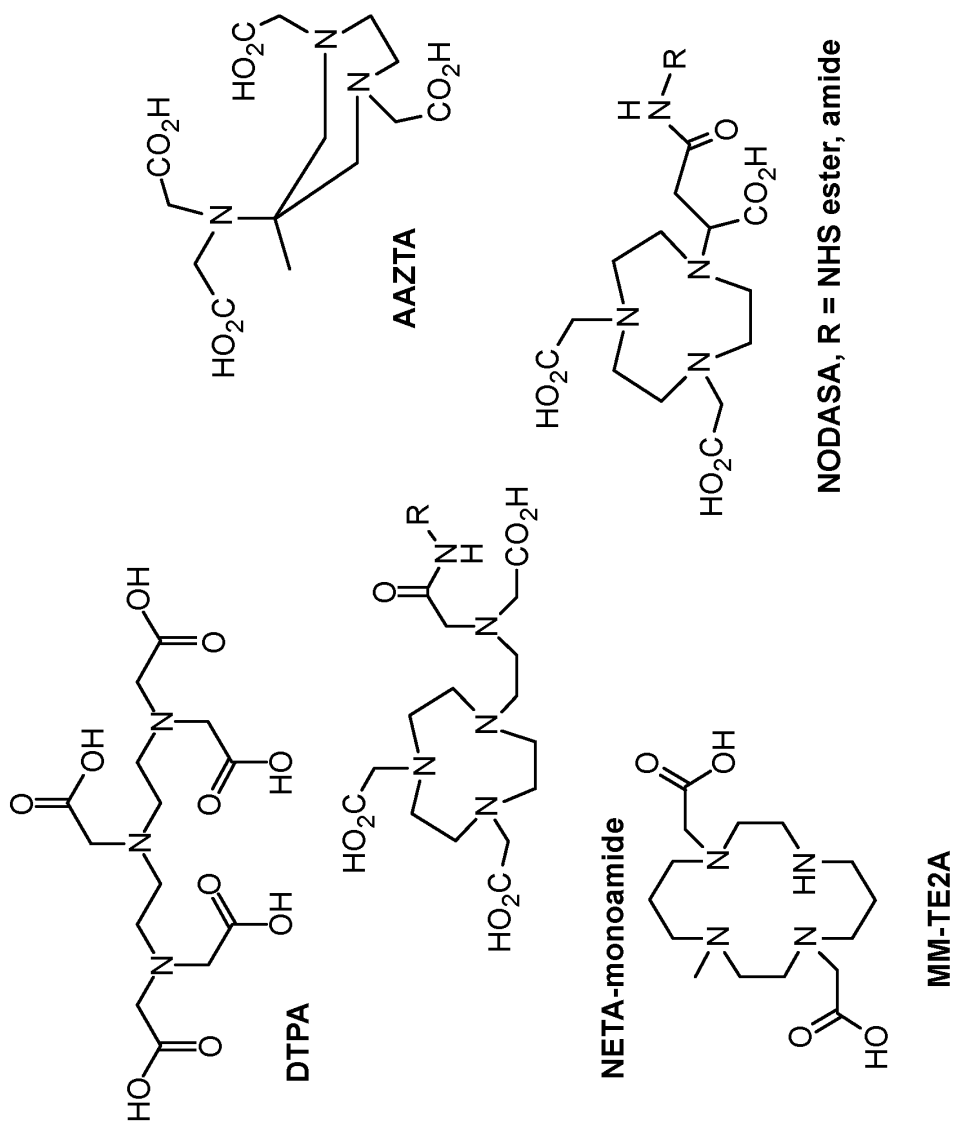
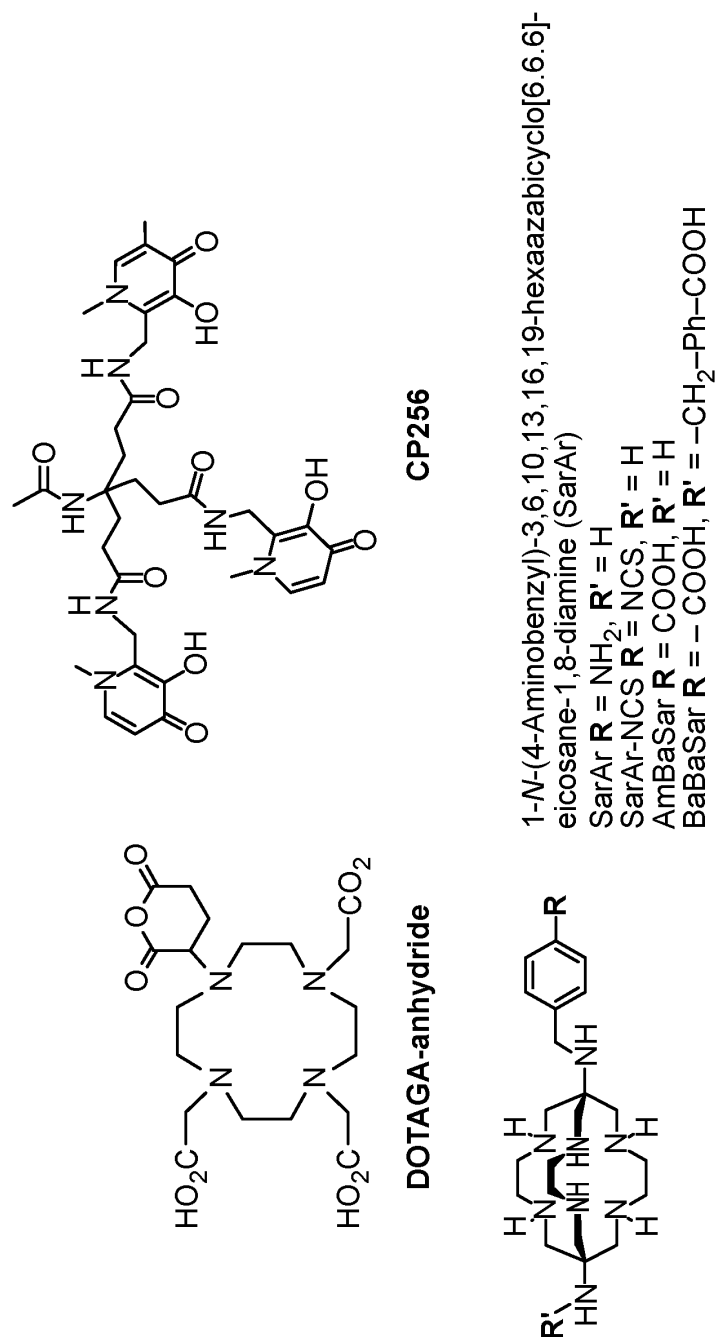


FIG. 14



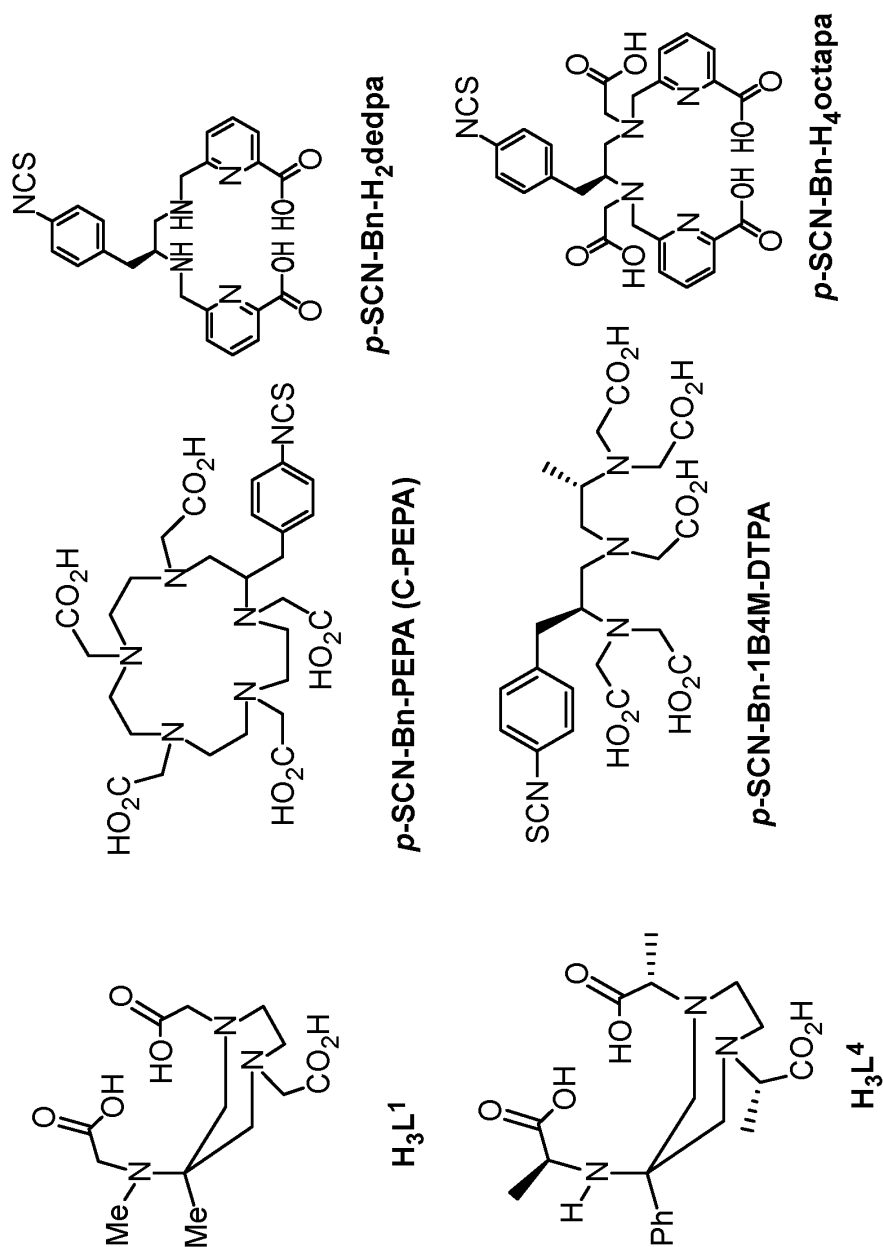


FIG. 15

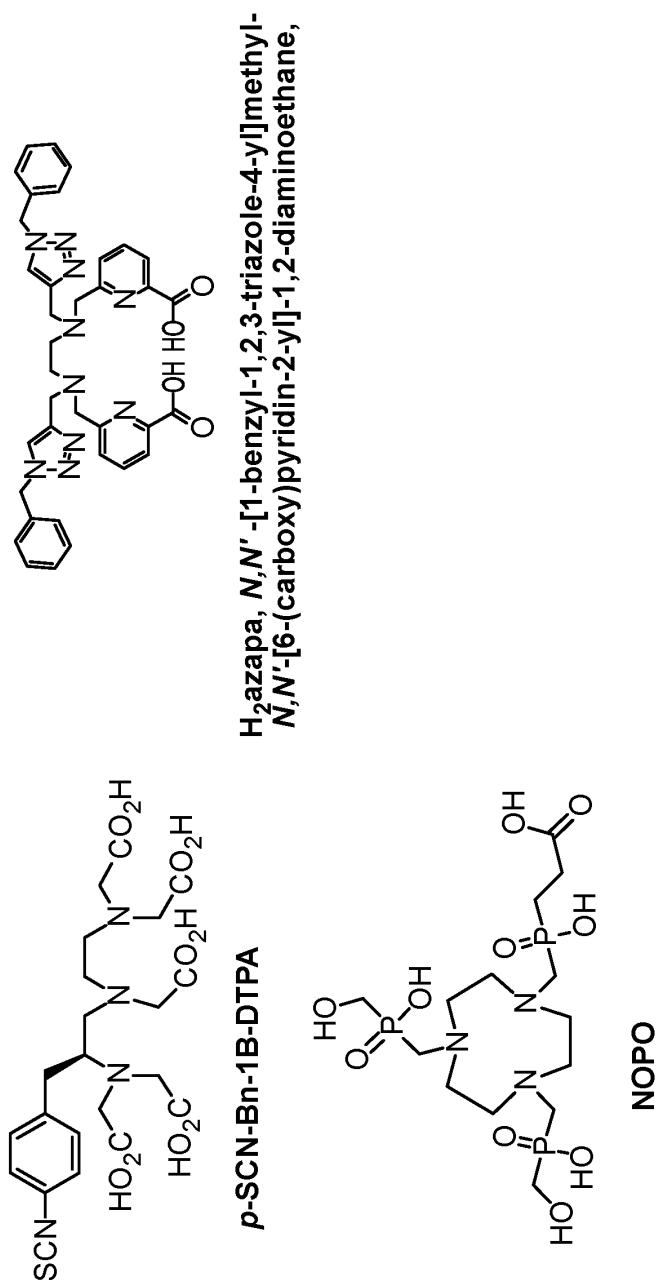
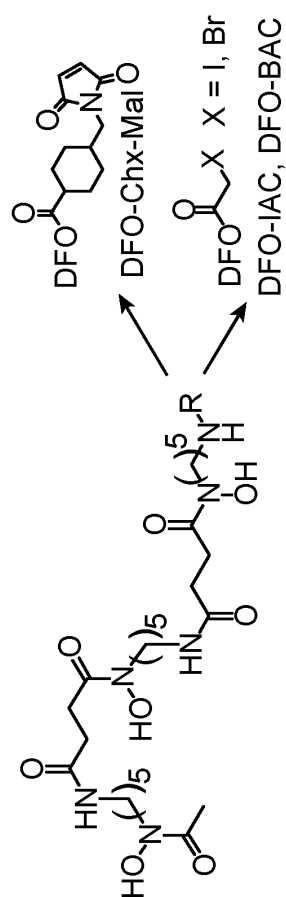
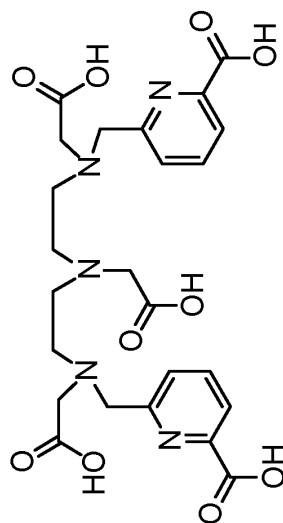


FIG. 15 (Cont.)



### Bifunctional DFO derivatives



H<sub>5</sub>decapa, *N,N''*-[[ 6-(carboxy)pyridin-2-yl]methyl]-  
diethylenetriamine-*N,N',N'''*-triacetic Acid,

FIG. 16

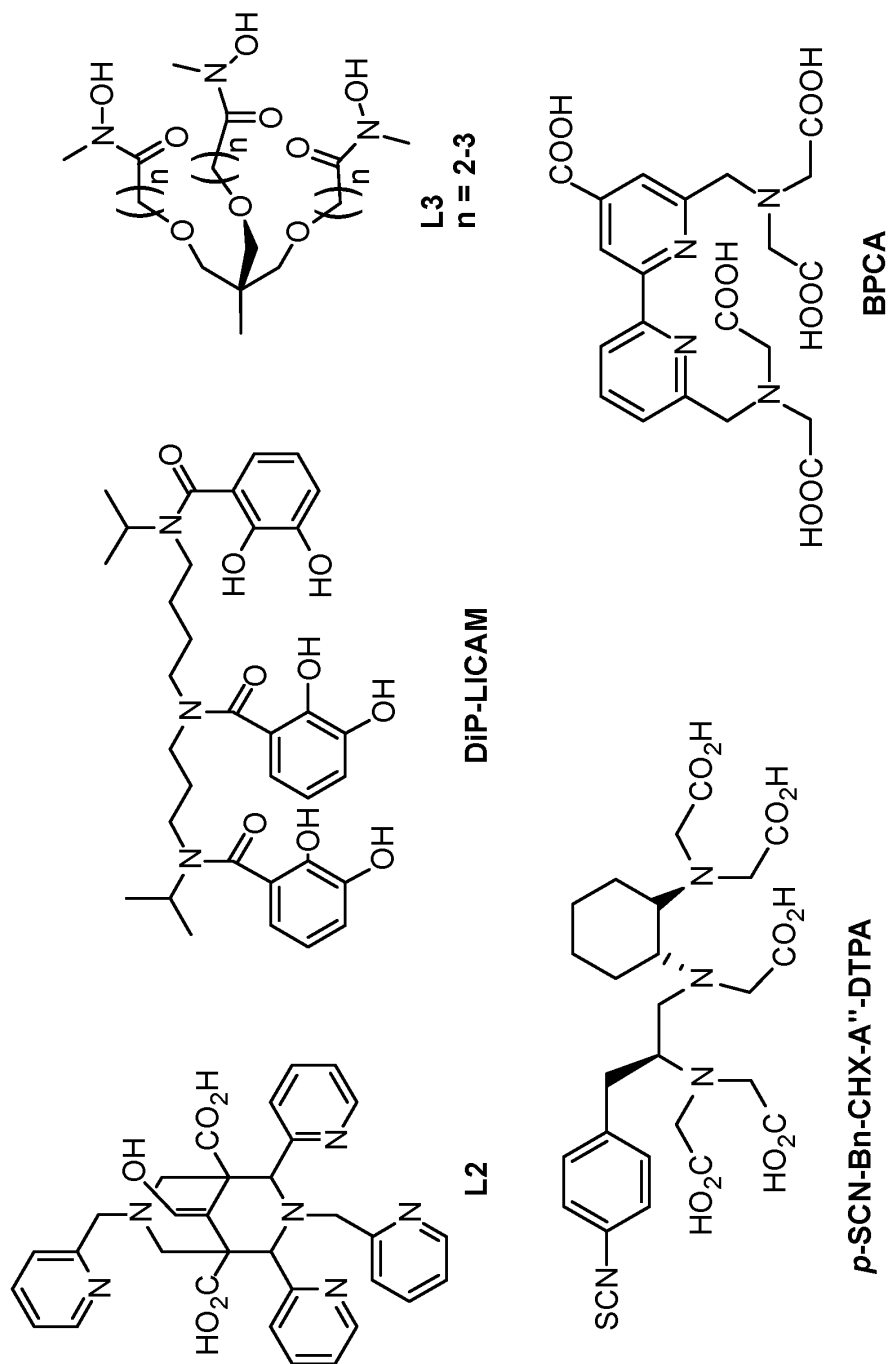


FIG. 16 (Cont.)

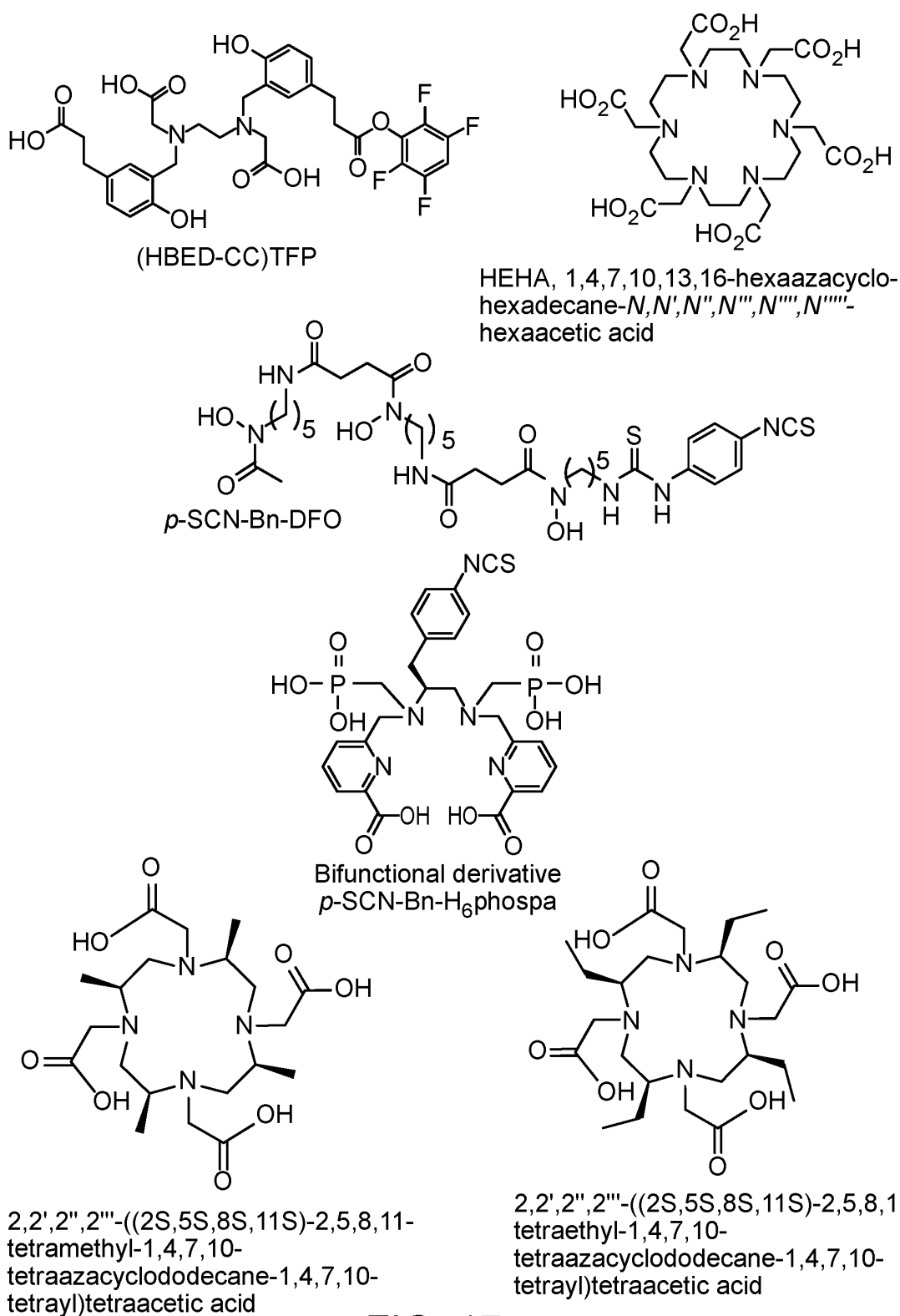
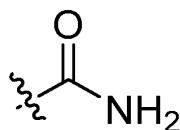
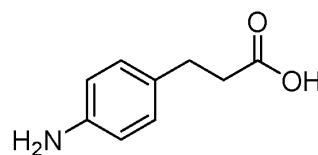


FIG. 17

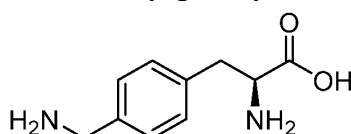
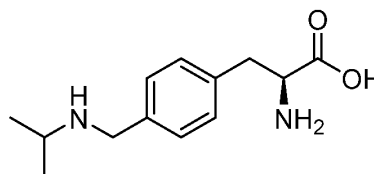
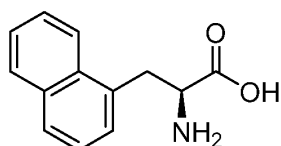
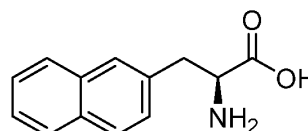
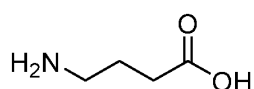
Cbm: carbamoyl-



4Aph: 4-aminophenyl propanoic acid



4Amp (Amp): 4-aminomethylphenylalanine

4Iamp: 4-(*N*-isopropyl)-aminomethylphenylalanineNal: *L*-3-(1-Naphthyl)alanine2Nal: *L*-3-(2-Naphthyl)alanineGABA:  $\gamma$ -aminobutyric acid

3Pal: Pyridyl-L-alanine

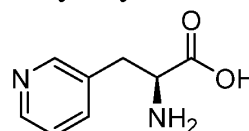
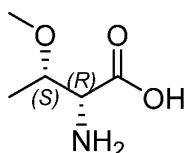
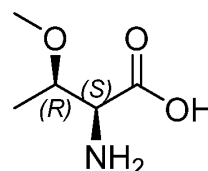
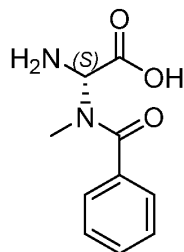
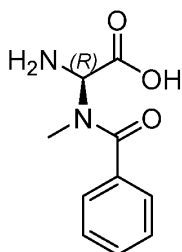
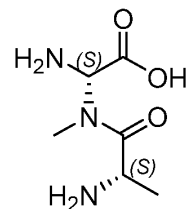
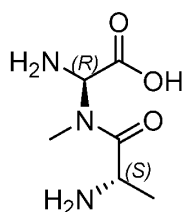
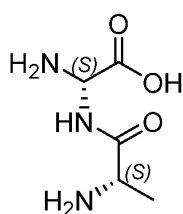
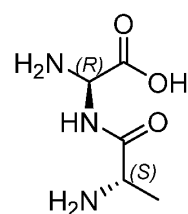
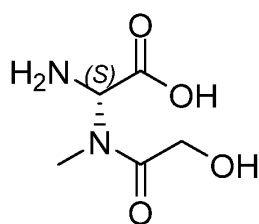
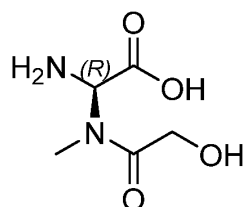
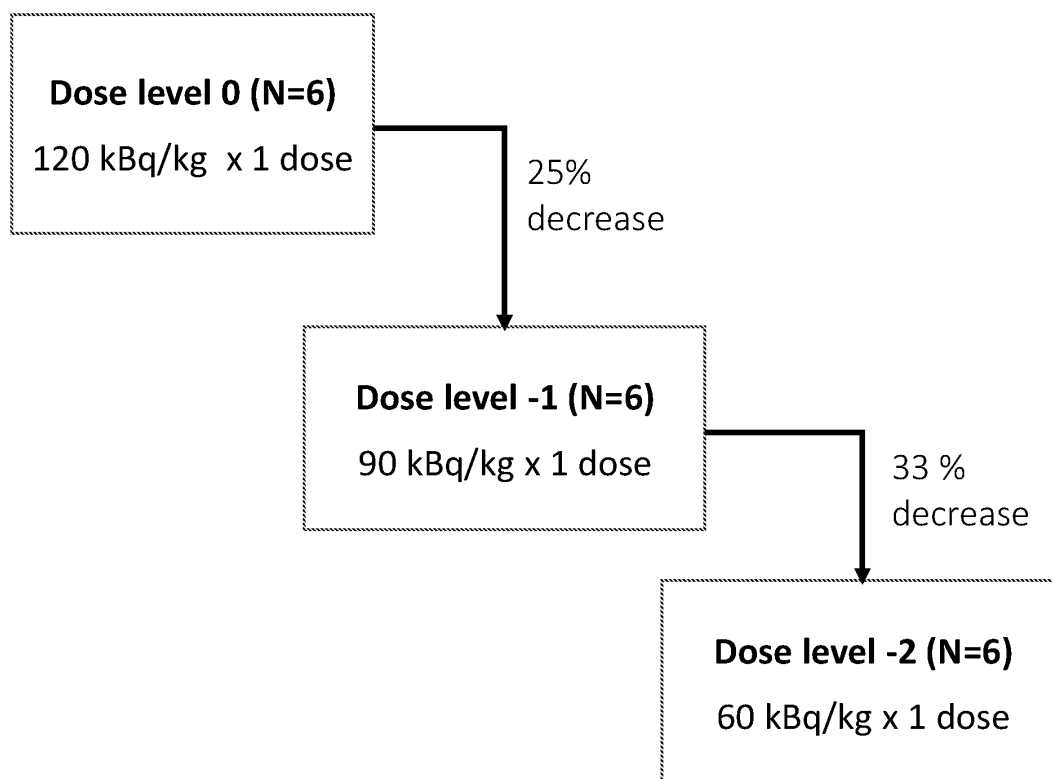
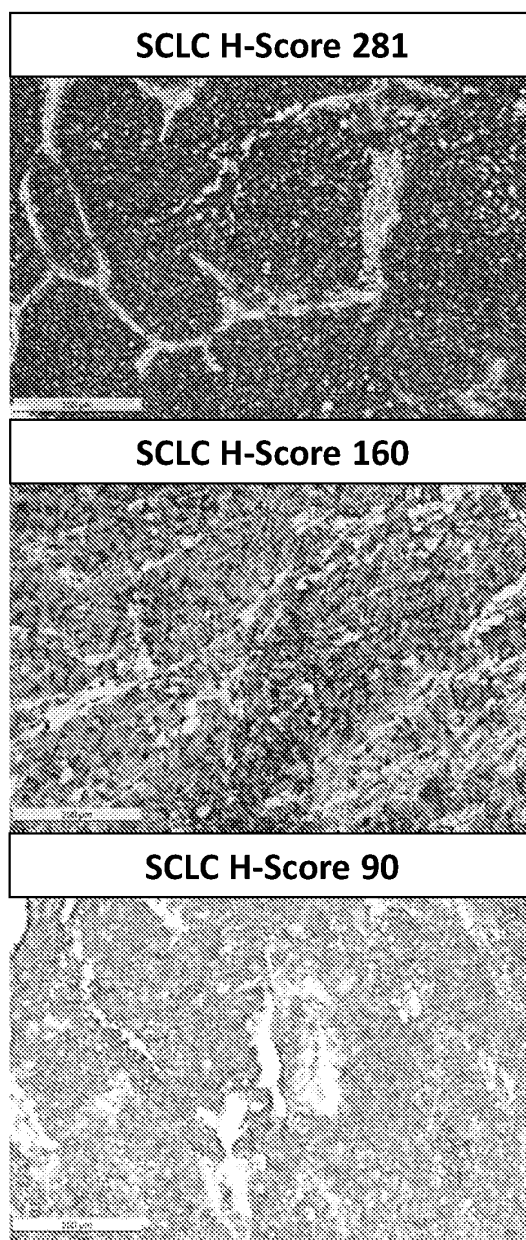
threo-(2*R*,3*S*)C <sup>$\beta$</sup> Methreo-(2*S*,3*R*)C <sup>$\beta$</sup> Me

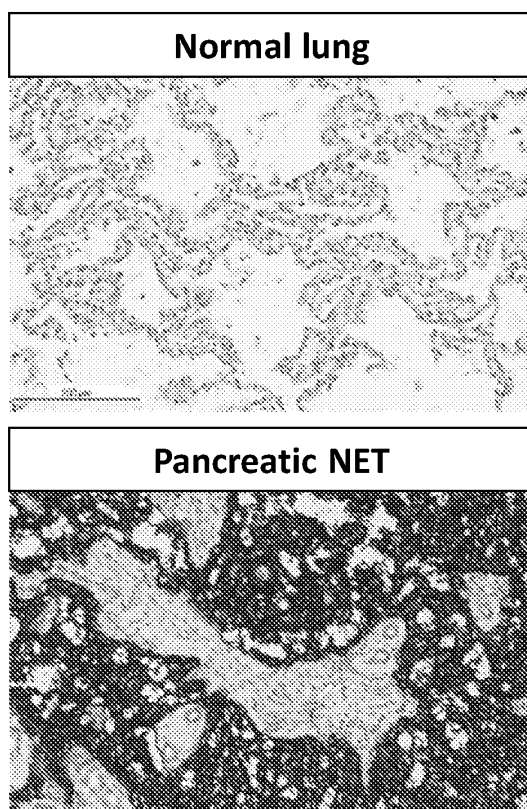
FIG. 18A

$^L\text{Agl}(\text{N}^\beta\text{Me}, \text{benzoyl})$  $^D\text{Agl}(\text{N}^\beta\text{Me}, \text{benzoyl})$  $^L\text{Agl}(\text{N}^\beta\text{Me}, ^\beta\text{Ala})$  $^D\text{Agl}(\text{N}^\beta\text{Me}, ^\beta\text{Ala})$  $^L\text{Agl}(^\beta\text{Ala})$  $^D\text{Agl}(^\beta\text{Ala})$  $^L\text{Agl}-(\text{N}^\beta\text{Me}, \text{HO-Ac})$  $^D\text{Agl}-(\text{N}^\beta\text{Me}, \text{HO-Ac})$ **FIG. 18B**

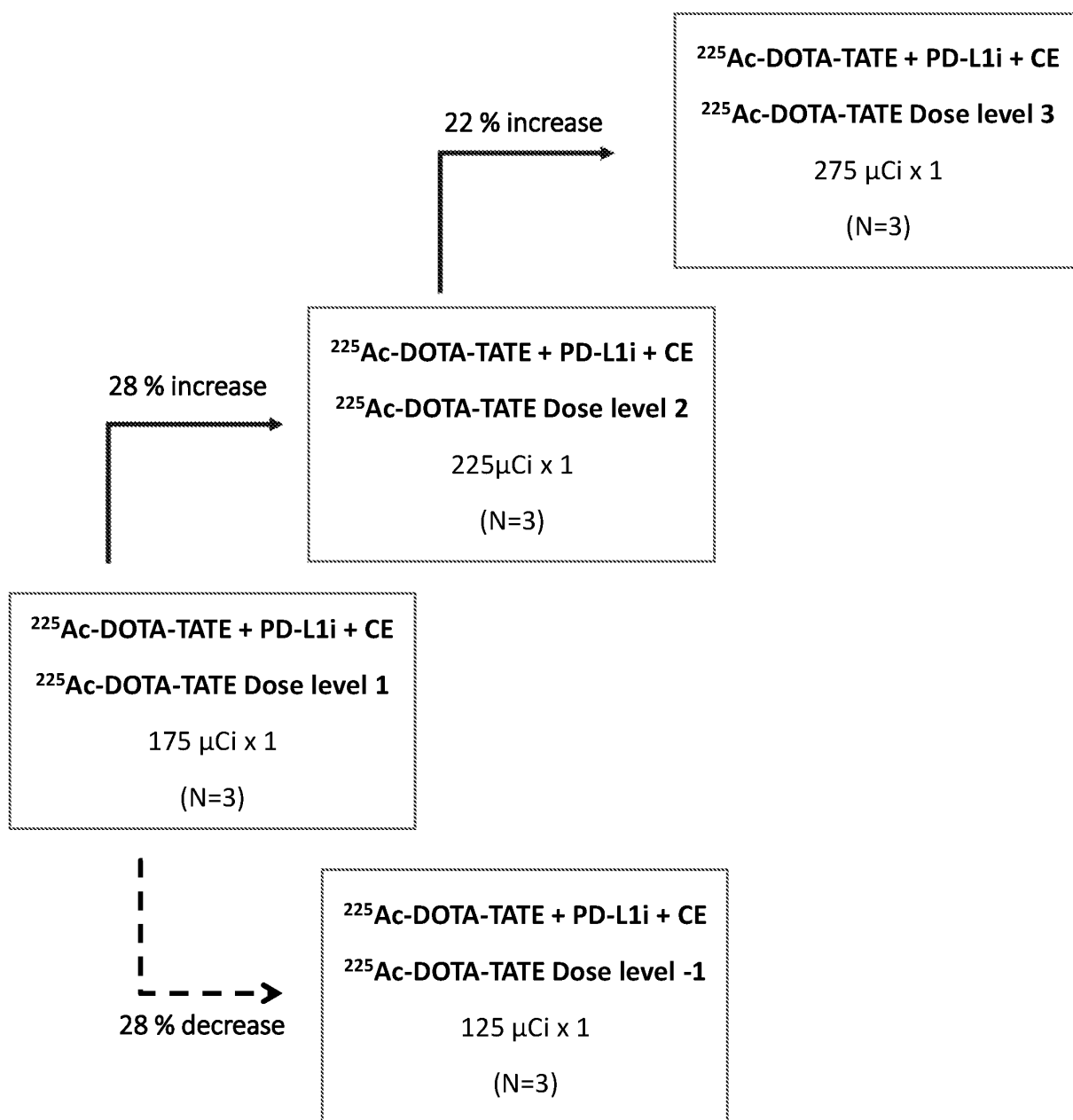
**FIG. 19**



**FIG. 20A**



**FIG. 20B**

**FIG. 21**

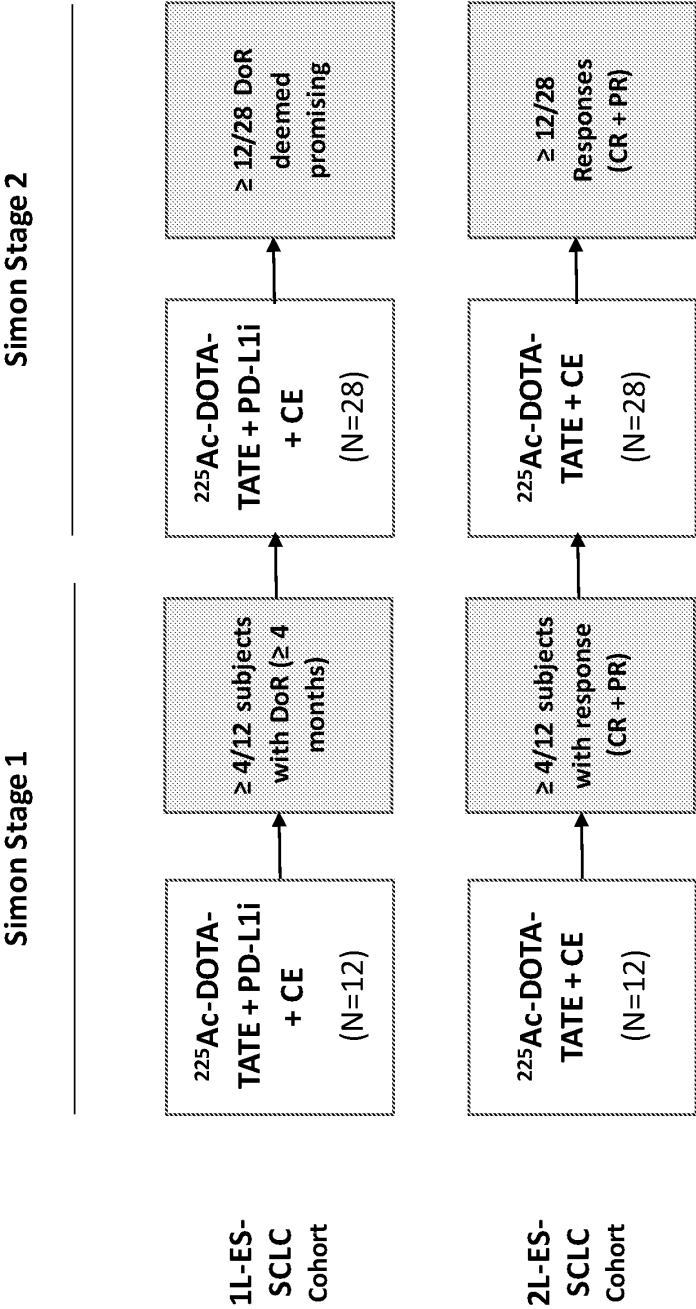
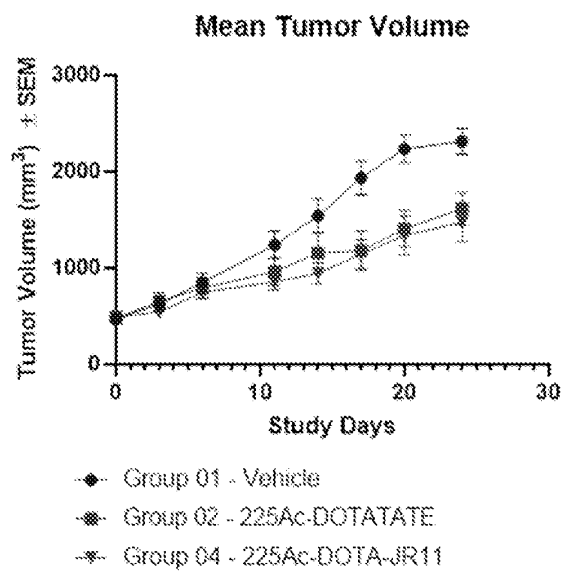
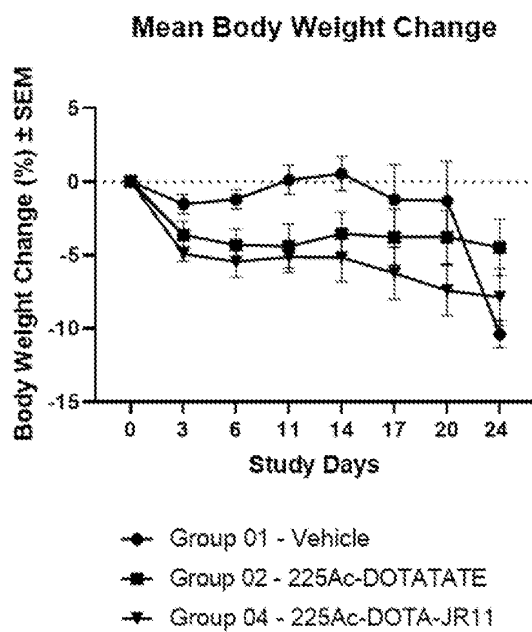


FIG. 22

**FIG. 23A****FIG. 23B**