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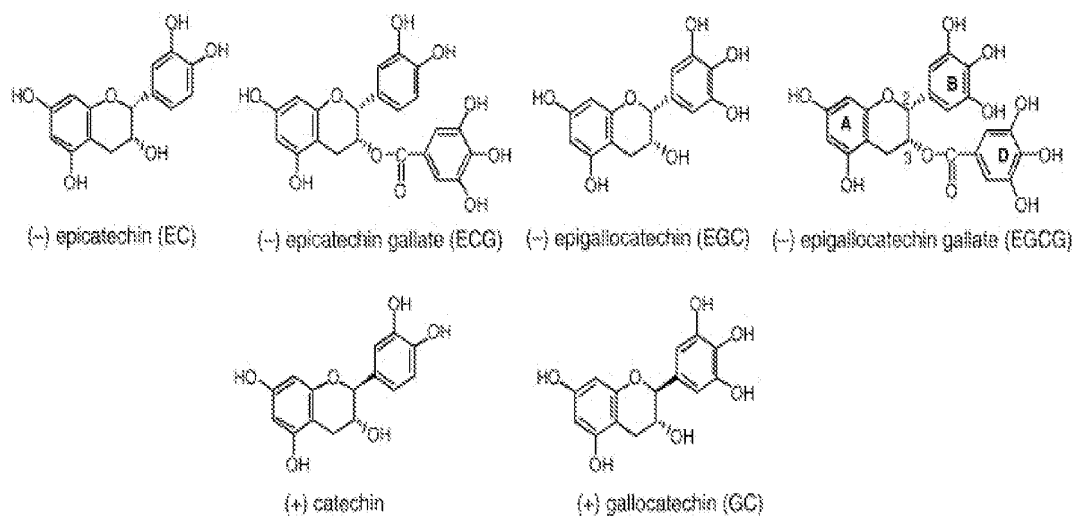


FIG. 1A

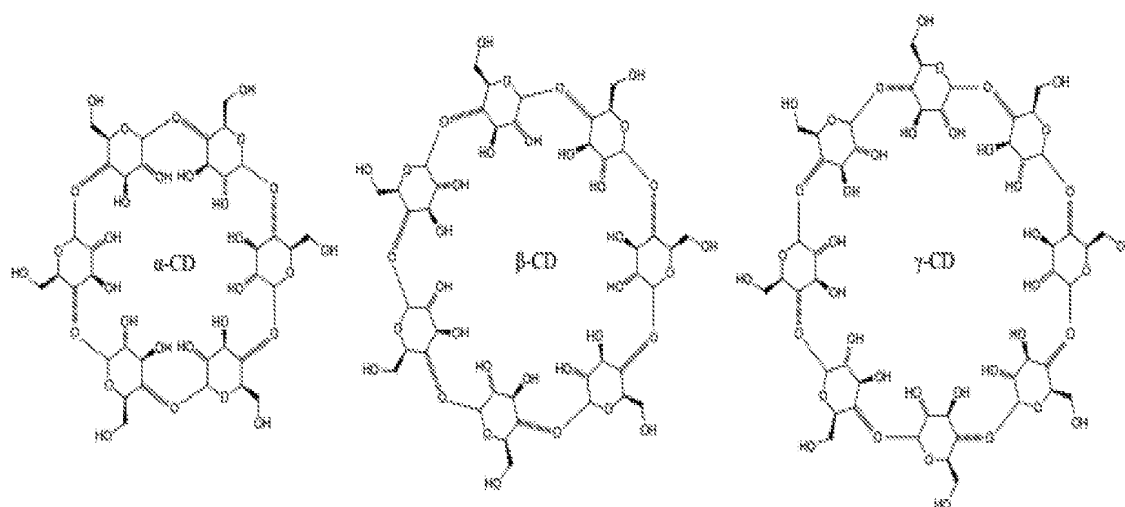
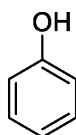


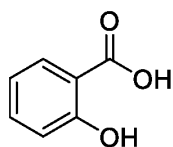
FIG. 1B

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Phenol



Salicylic Acid



Gentisic Acid

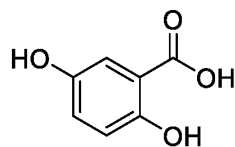
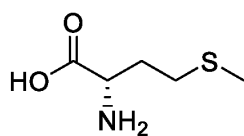
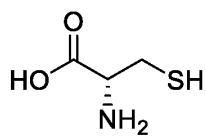


FIG. 1C

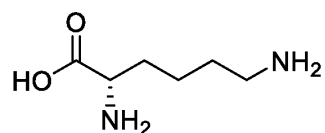
L-Methionine



L-Cysteine



L-Lysine



N-Acetyl-L-Cysteine

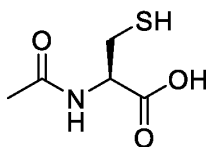
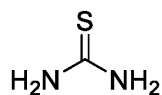
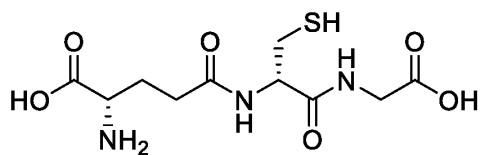


FIG. 1D

Thiourea



L-Glutathione



Lipolic Acid

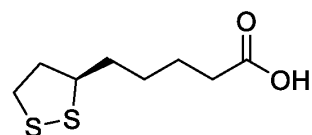


FIG. 1E

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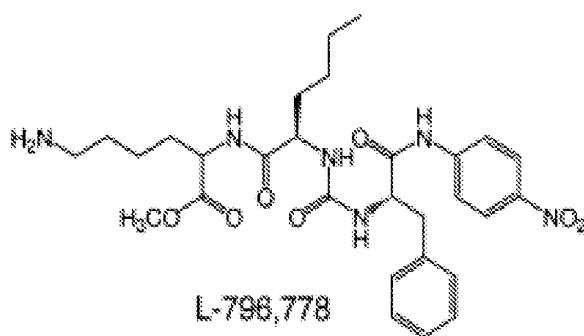
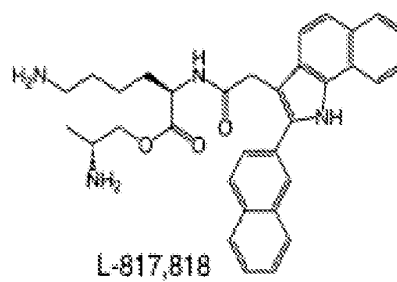
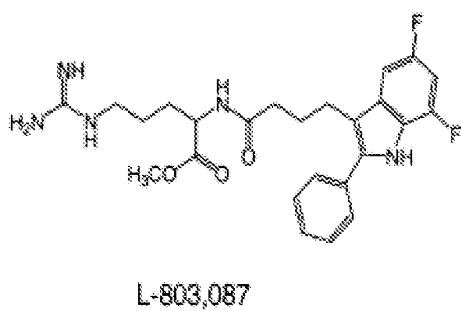
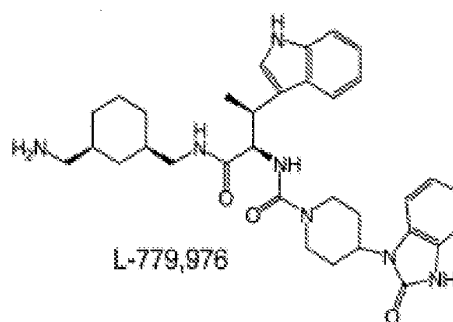
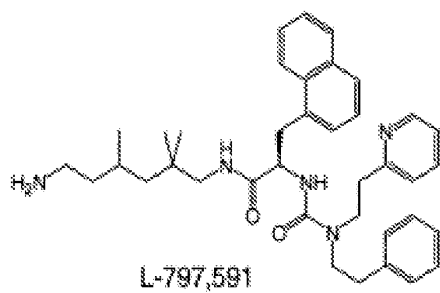


FIG. 2A

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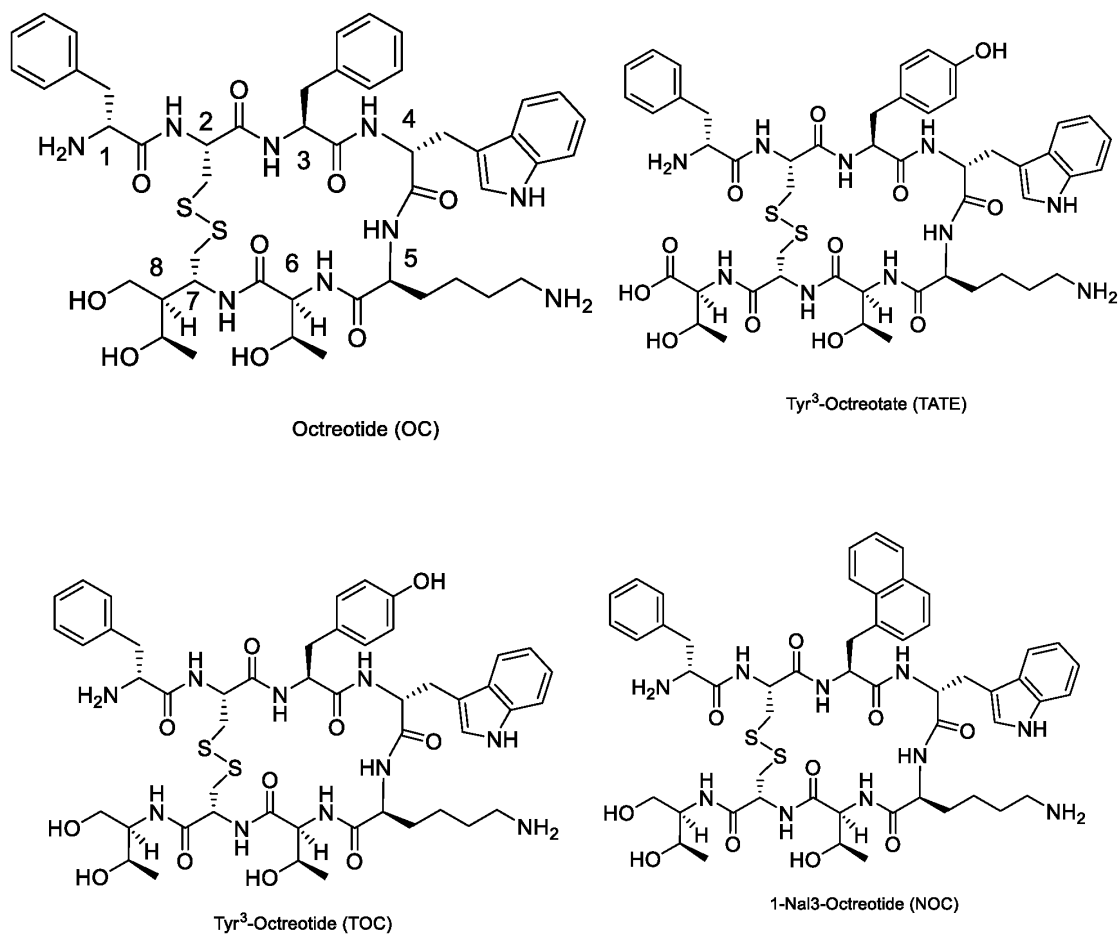


FIG. 2B

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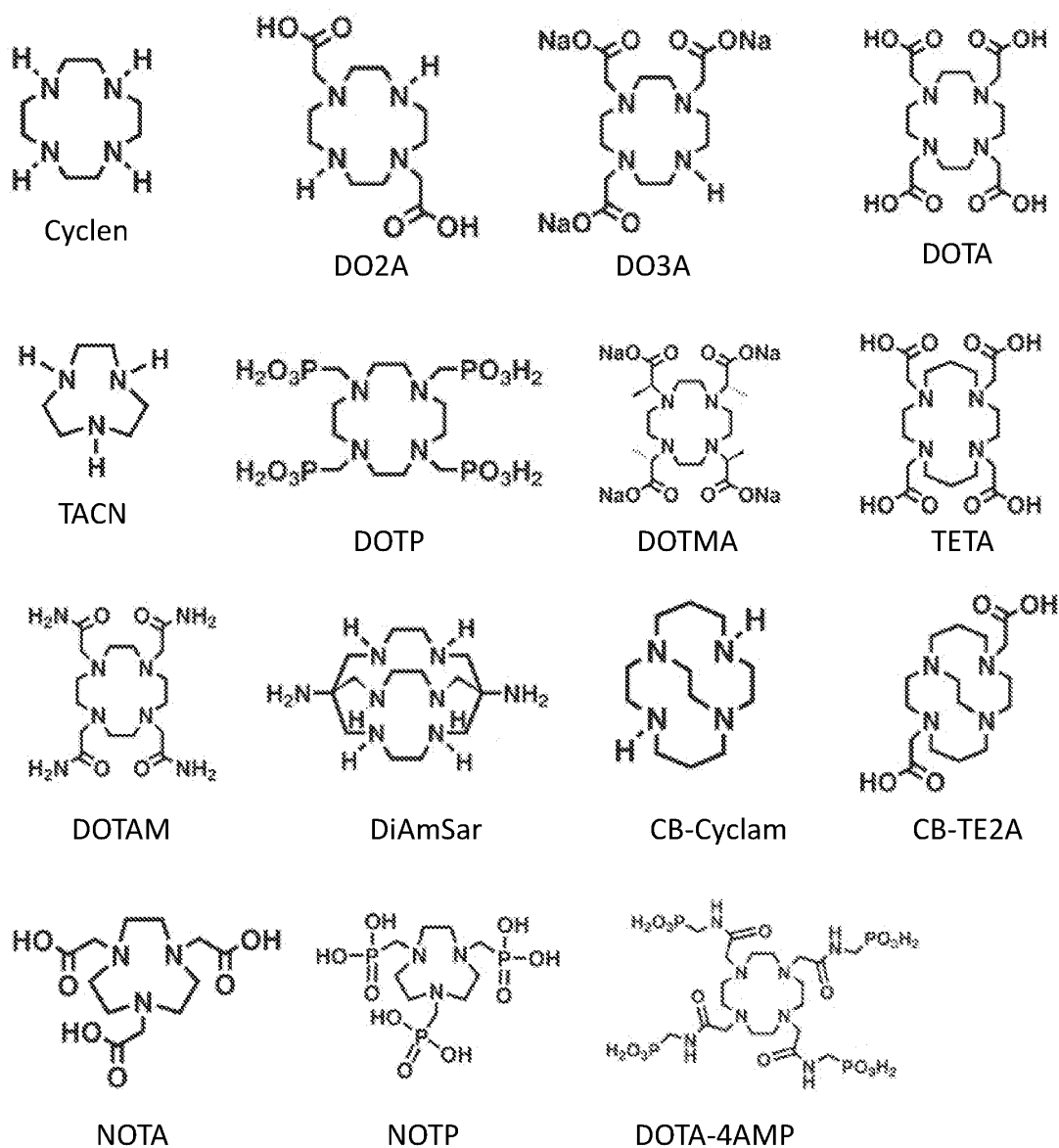


FIG. 3

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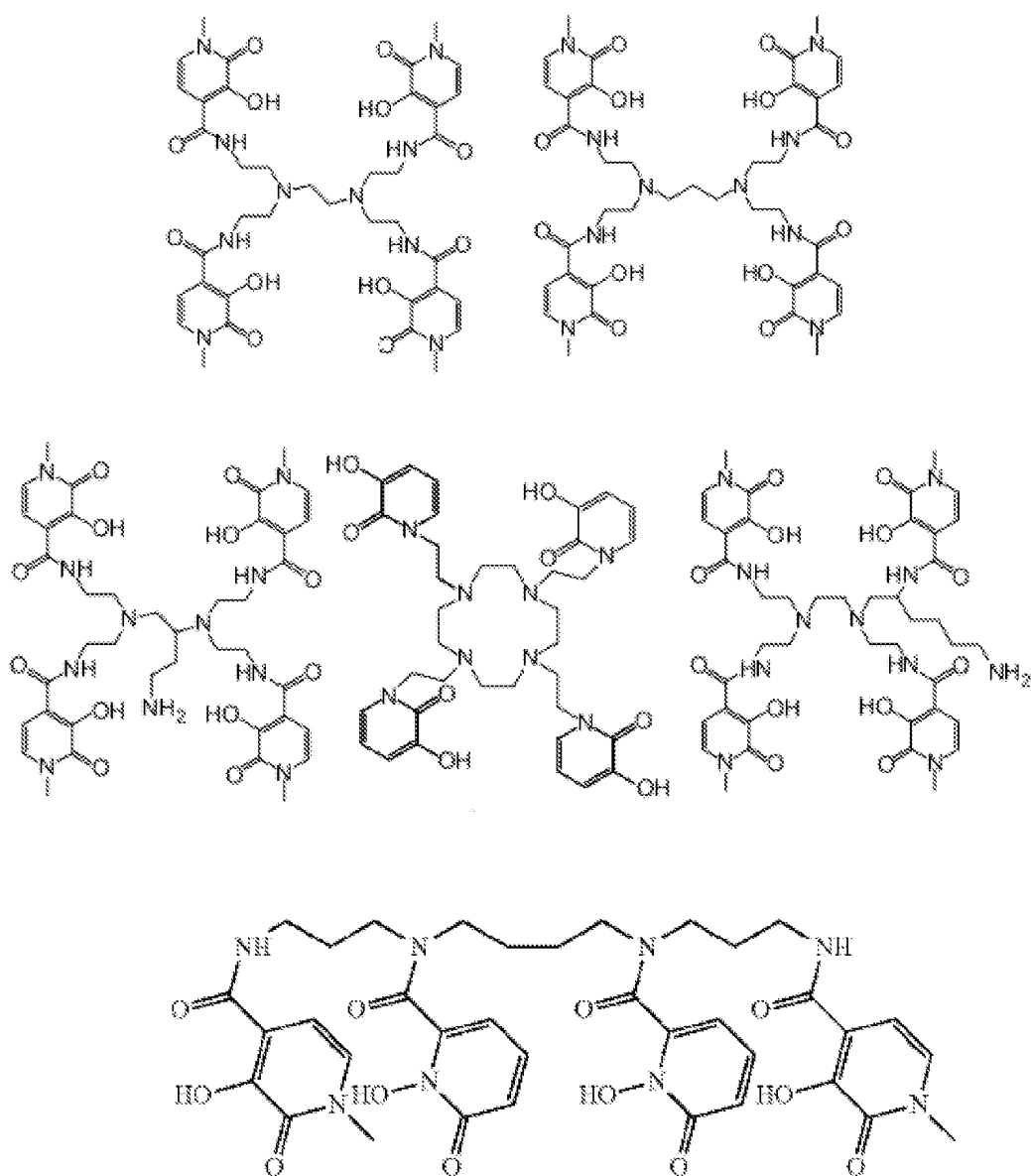


FIG. 4

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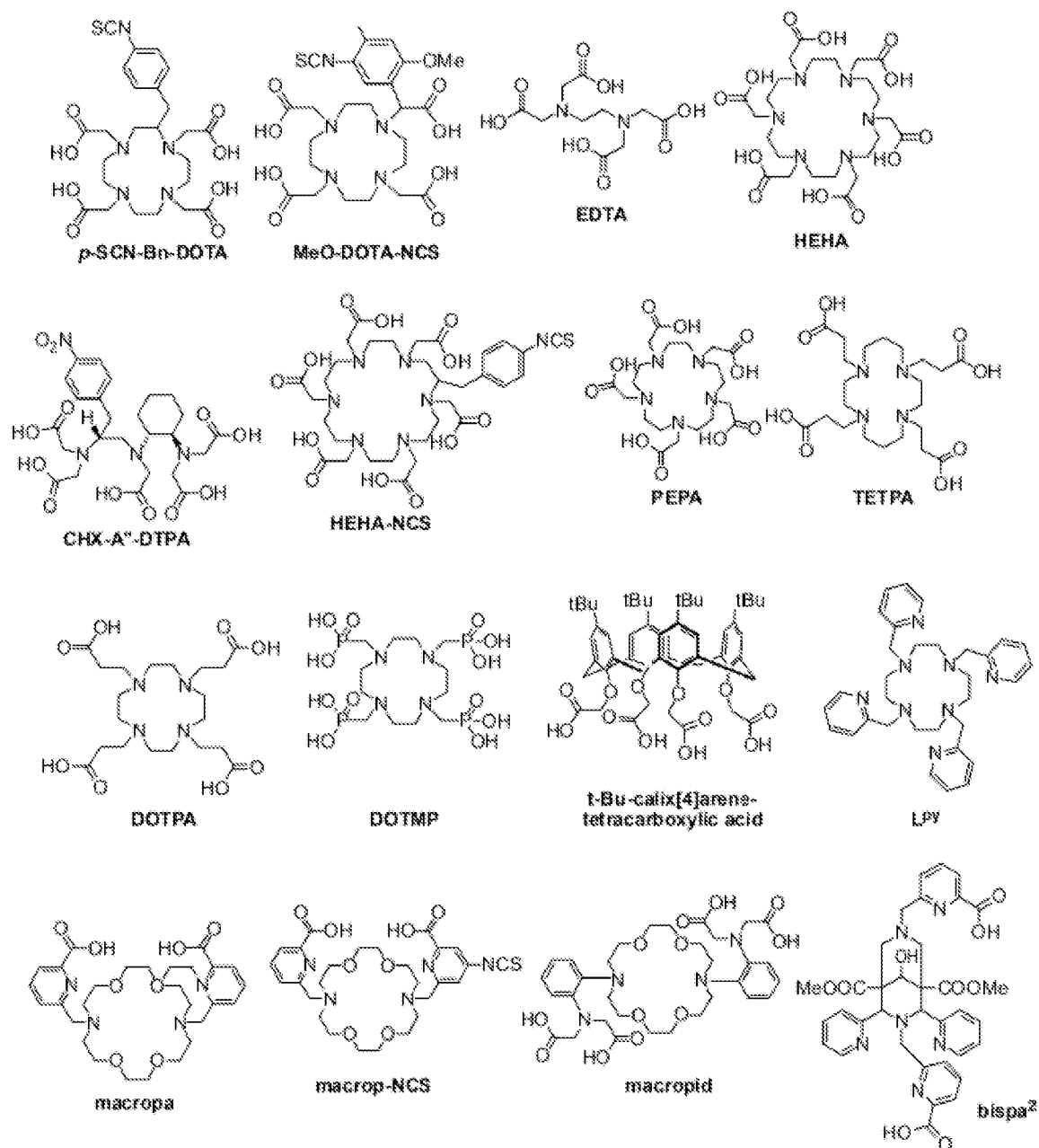


FIG. 5

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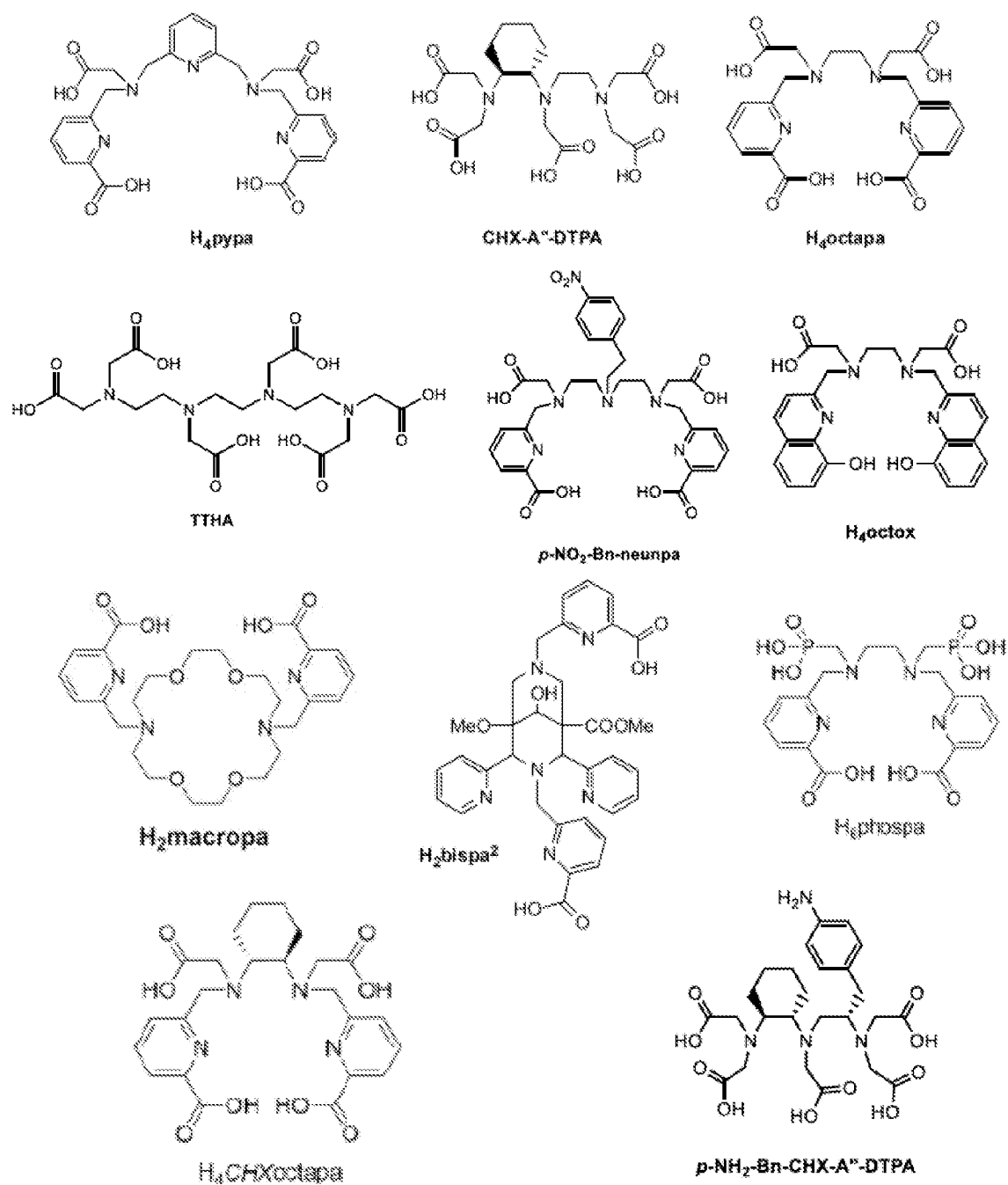


FIG. 6

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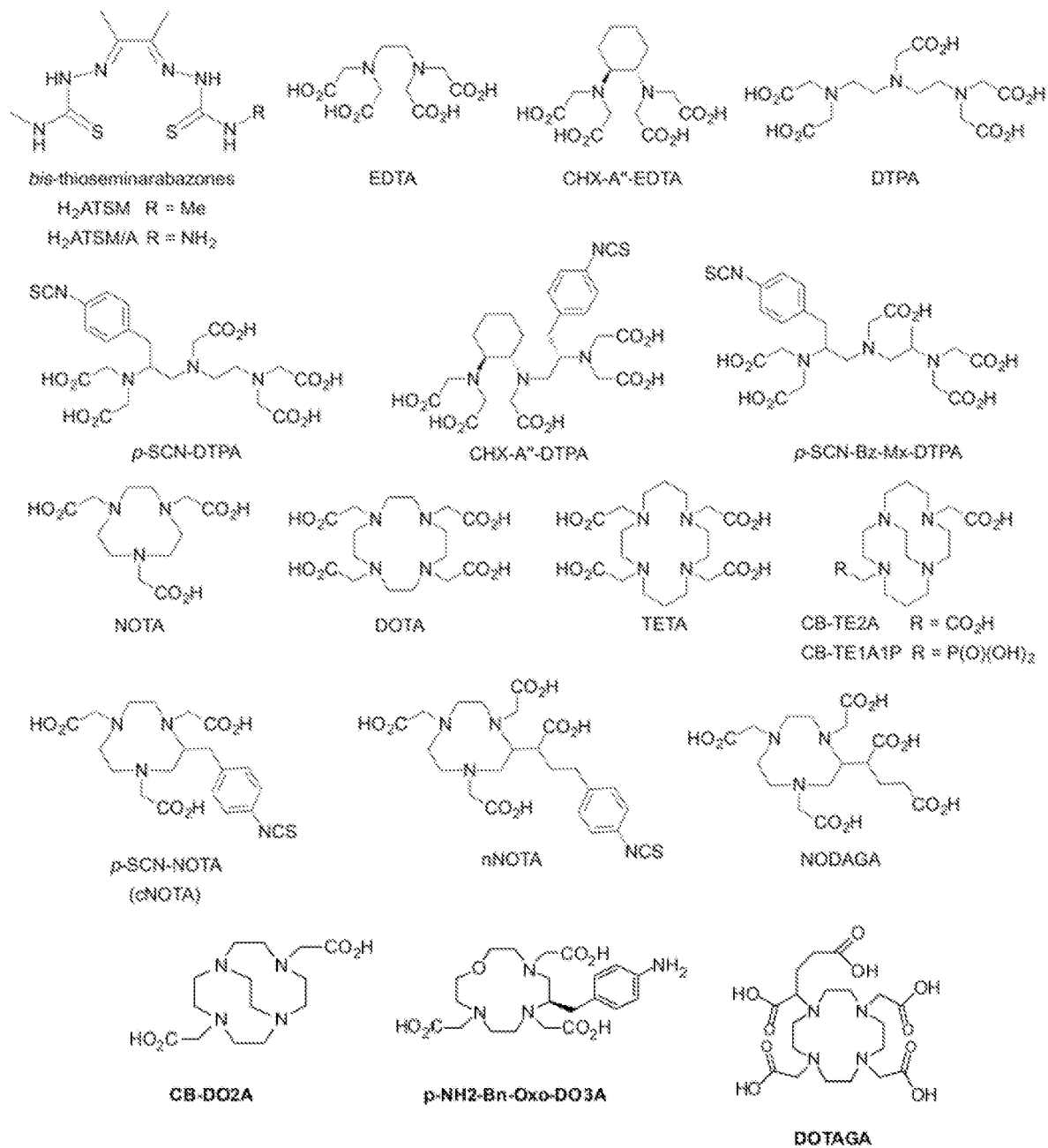


FIG. 7

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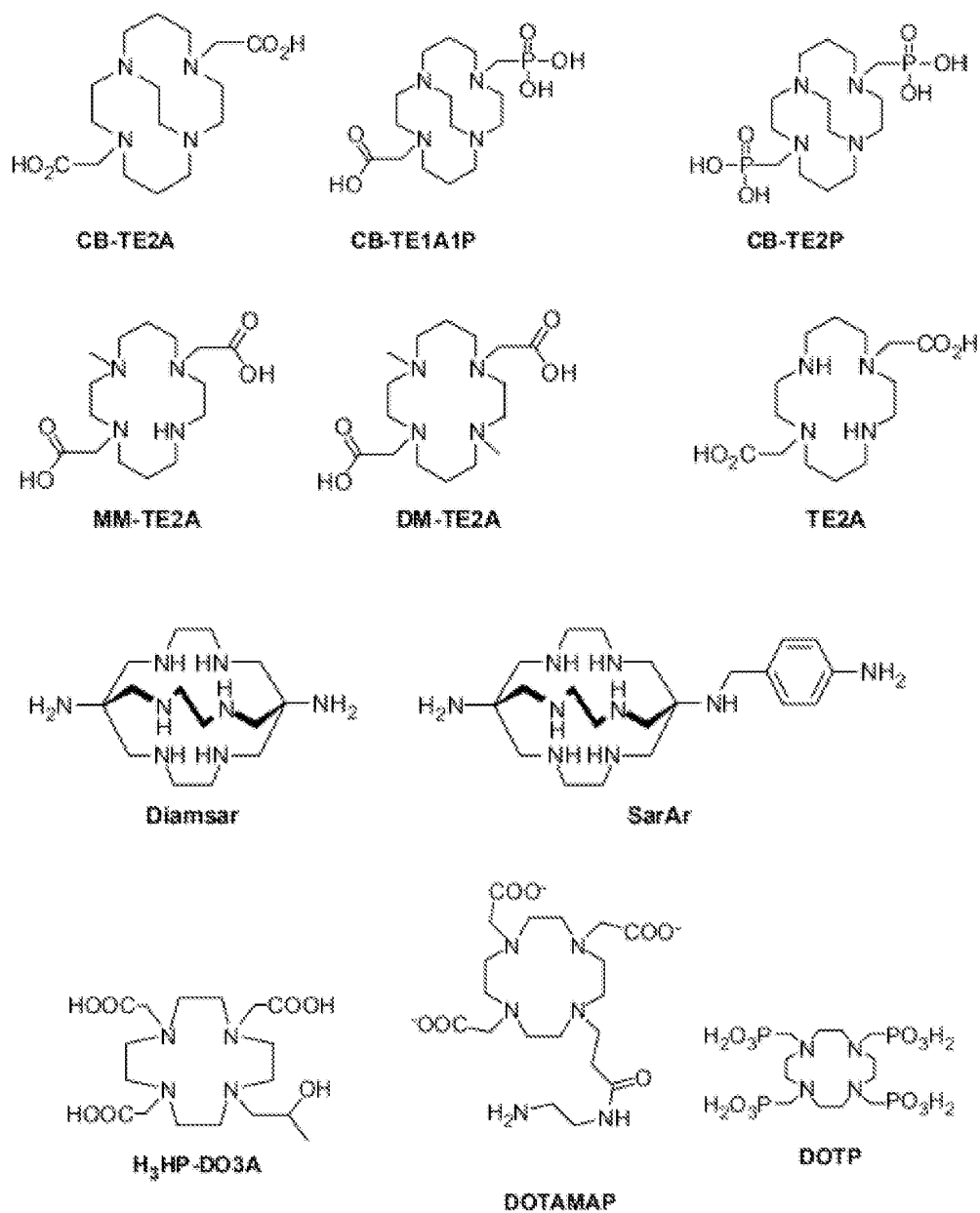


FIG. 8

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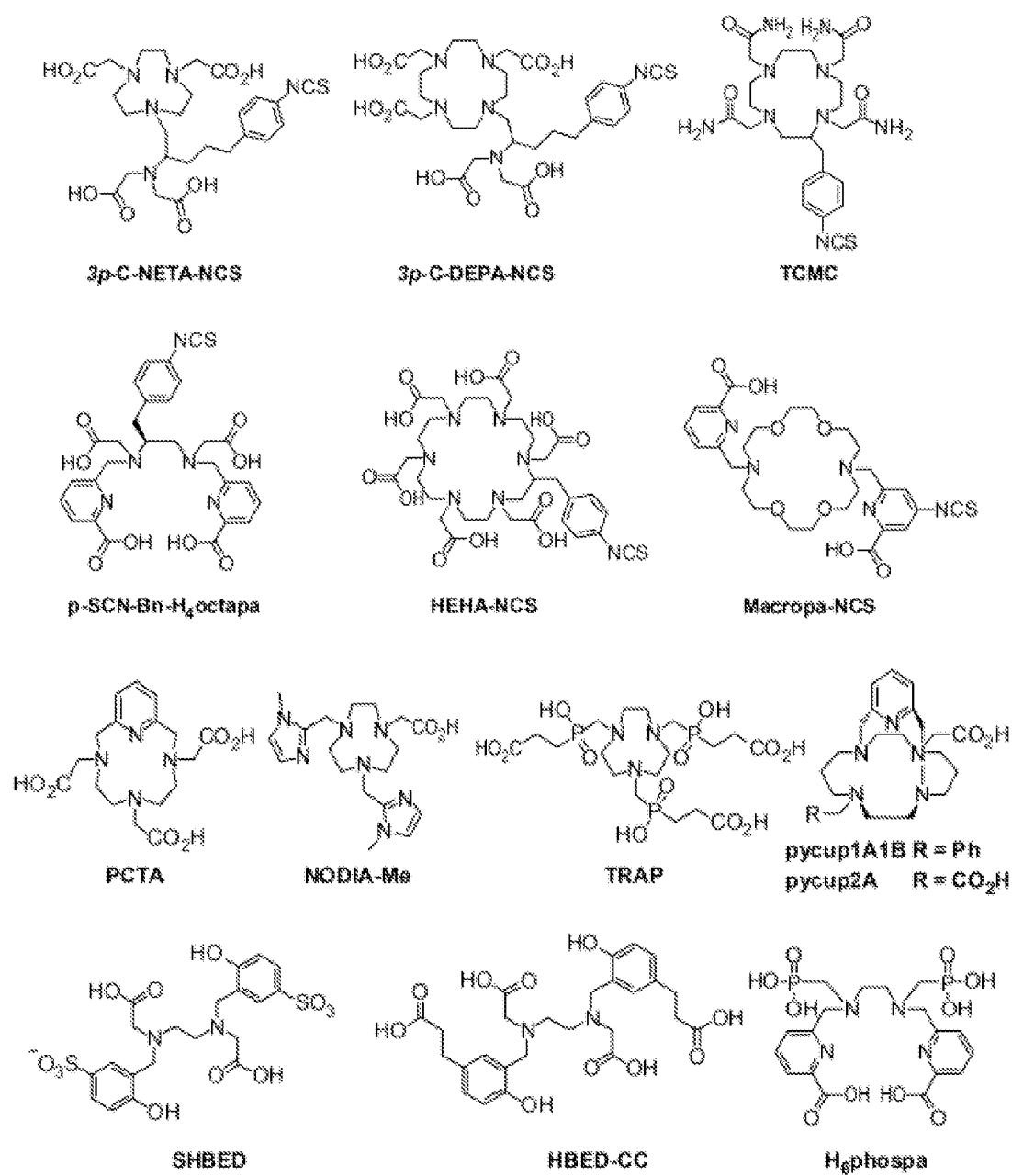


FIG. 9

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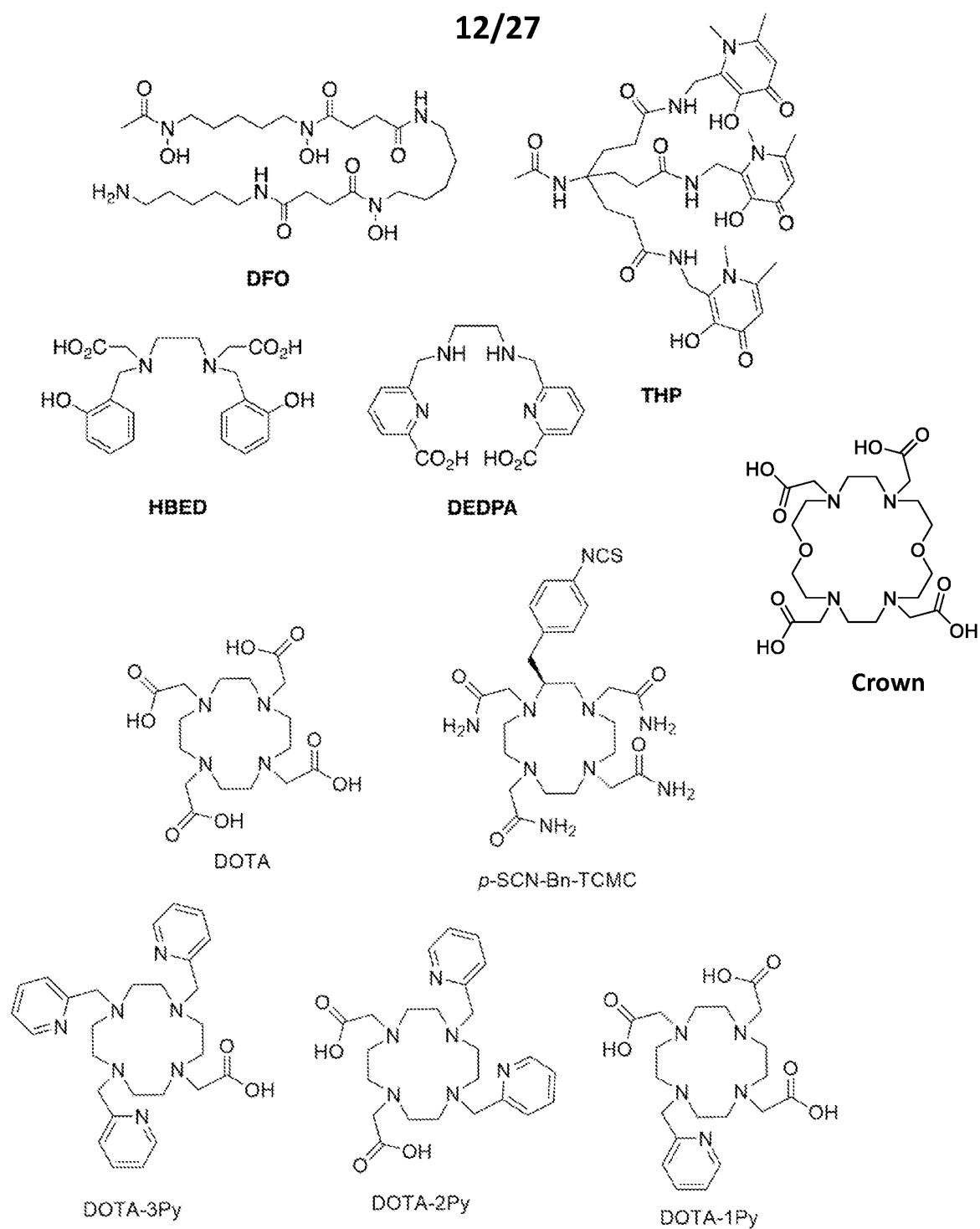


FIG. 10

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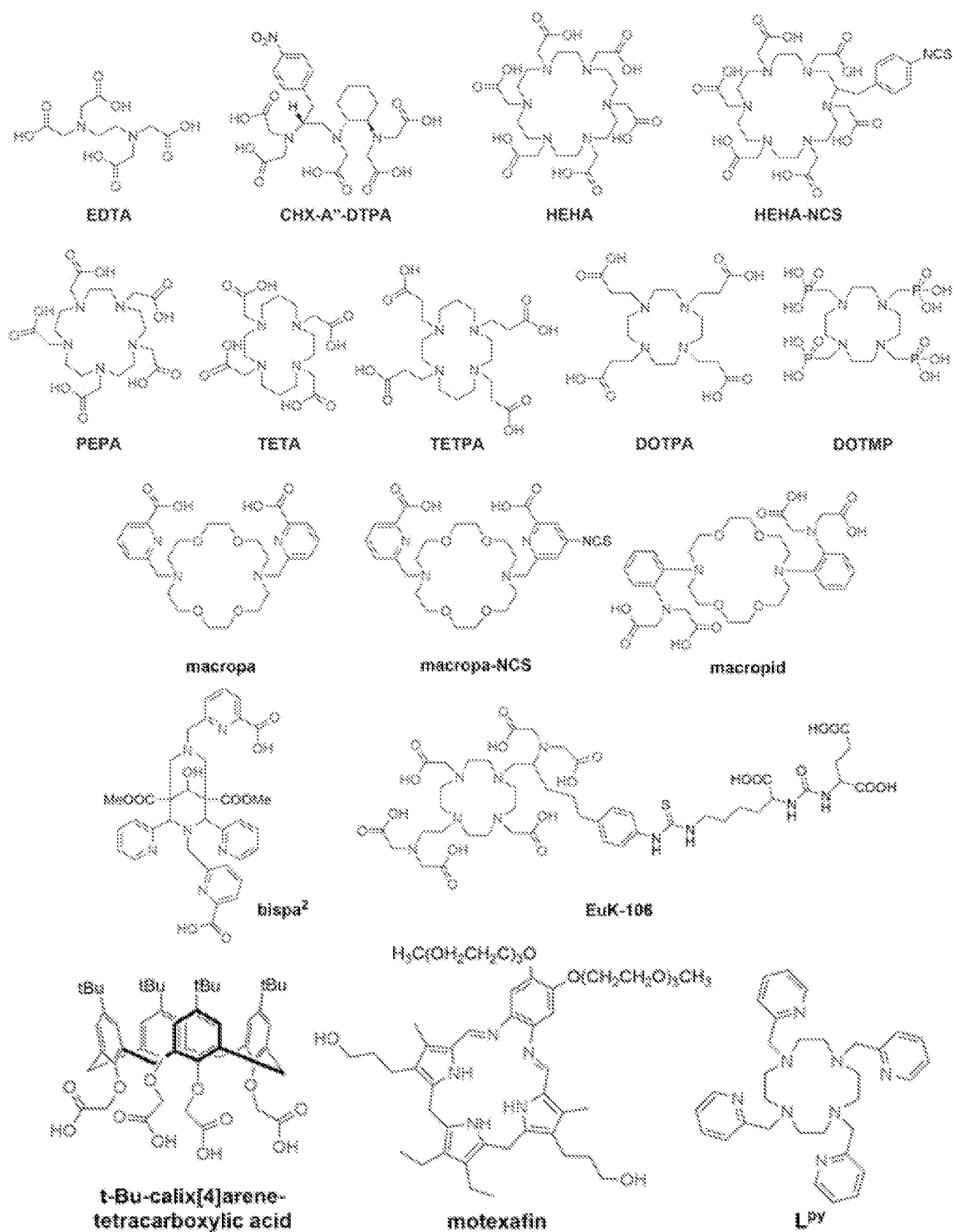


FIG. 11

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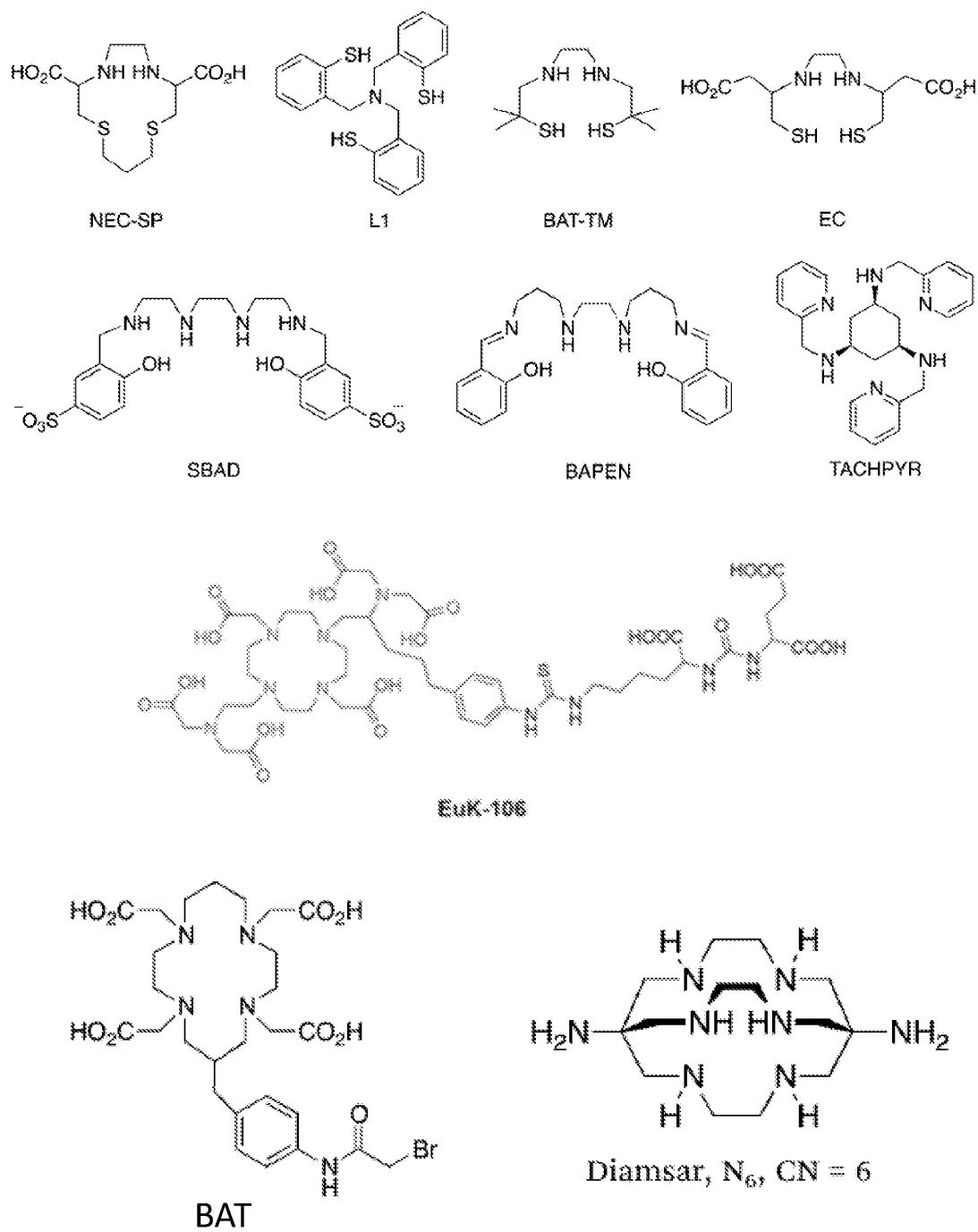
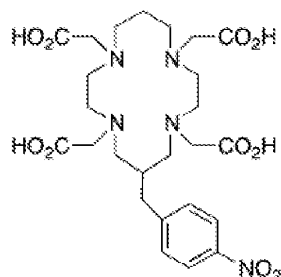
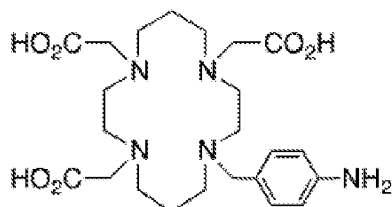
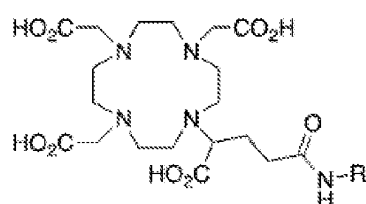
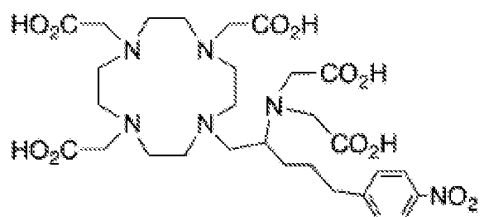
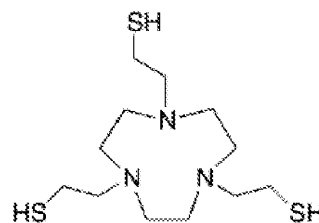
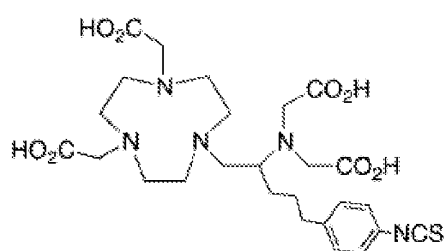


FIG. 12

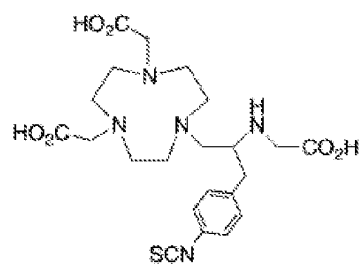
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*p*-NO₂-Bn-TETA*p*-NH₂-Bn-TE3ADOTAGA, R = amide,
NHS ester

3p-C-DEPA,

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

3p-C-NETA



C-NE3TA-NCS

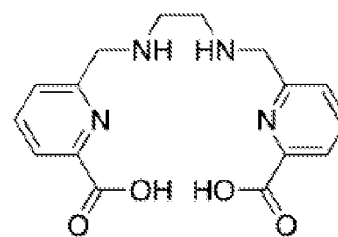
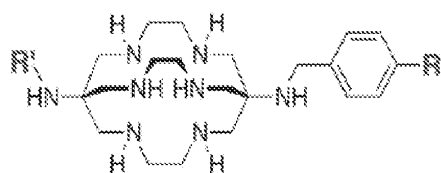
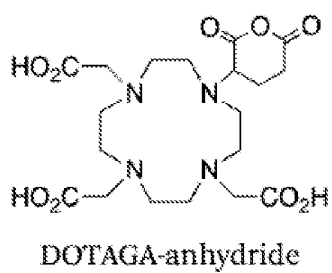
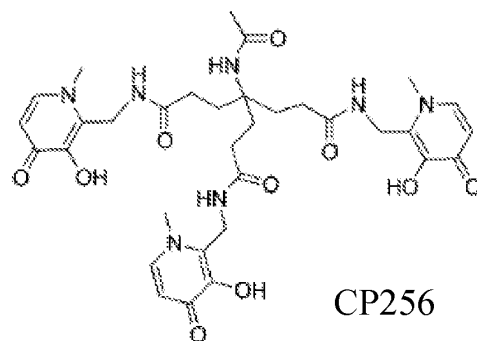
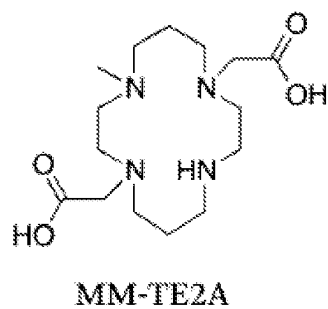
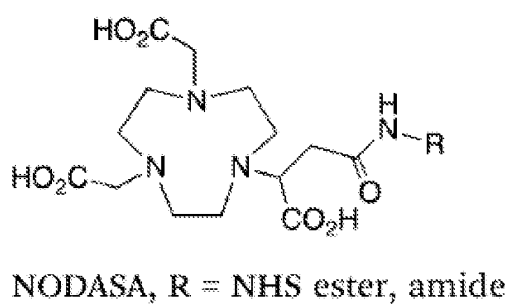
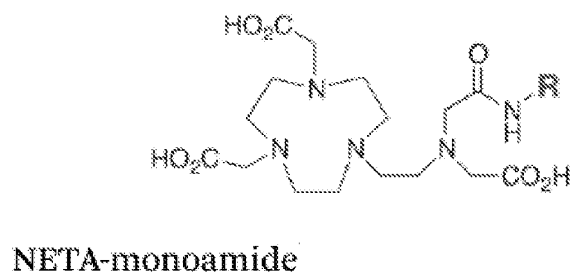
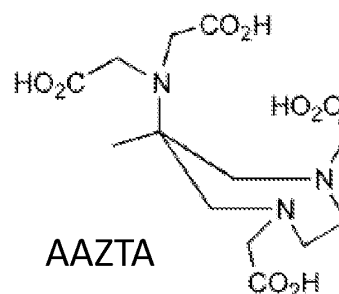
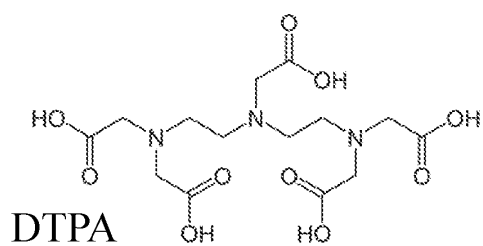
H₂dedpa, 1,2-[[6-(carboxy)-pyridin-2-yl]-
methylamino]ethane

FIG. 13

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1-N-(4-Aminobenzyl)-3,6,10,13,16,19-hexaazabicyclo[6.6.6]-eicosane-1,8-diamine (SarAr)¹⁷⁸⁻¹⁸²

SarAr R = NH₂, R' = H

SarAr-NCS R = NCS, R' = H

AmBaSar R = COOH, R' = H

BaBaSar R = -COOH, R' = -CH₂-Ph-COOH

FIG. 14

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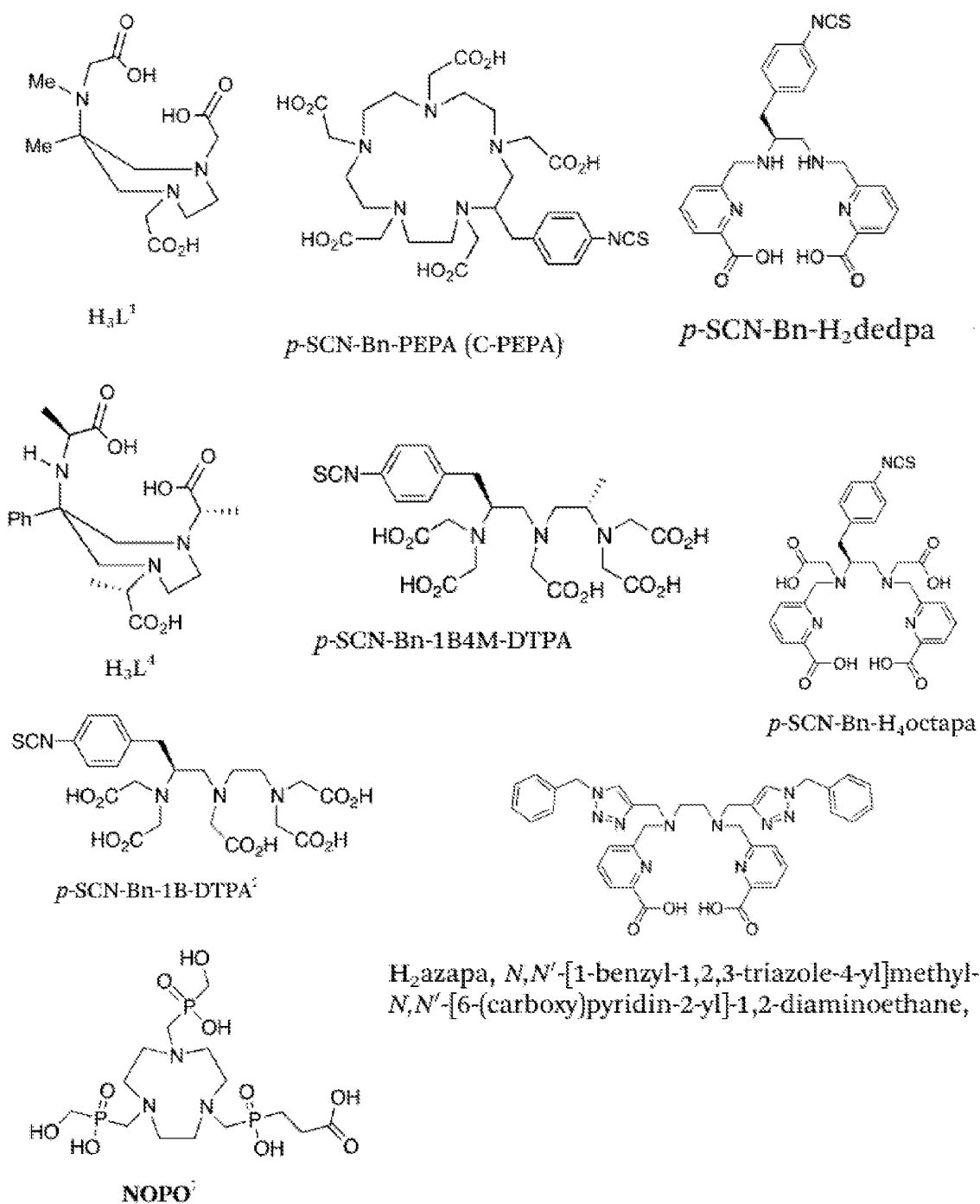
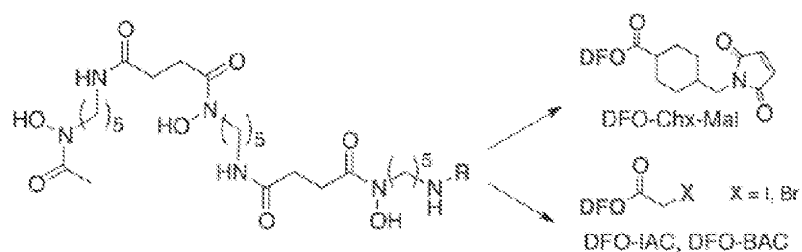
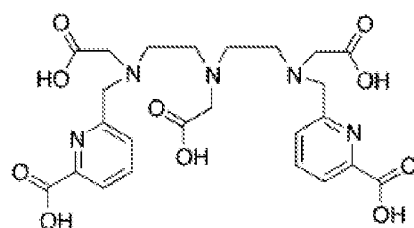


FIG. 15

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Bifunctional DFO derivatives



H₅decapa, *N,N'*-[[6-(carboxy)pyridin-2-yl]methyl]-
diethylenetriamine-*N,N',N''*-triacetic Acid,

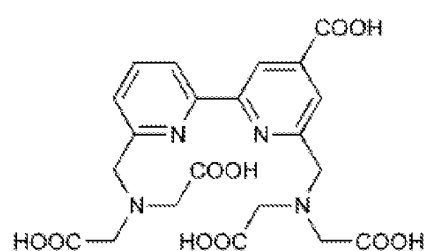
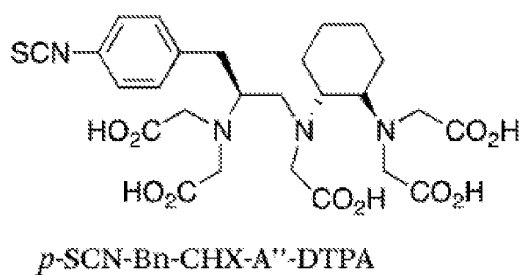
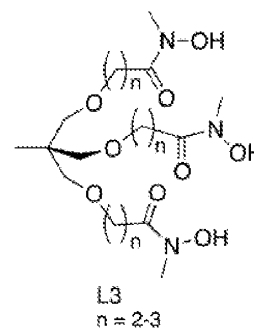
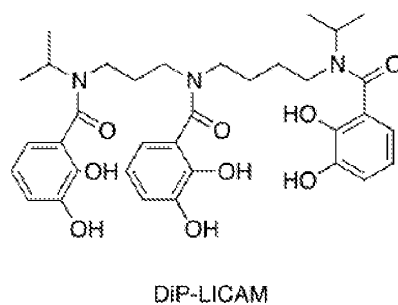
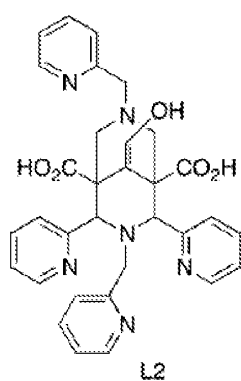
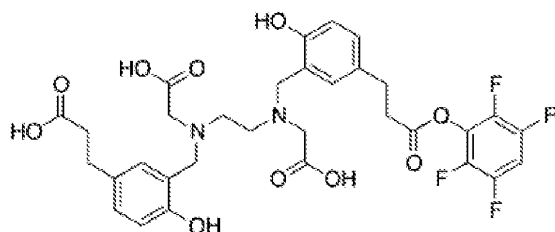


FIG. 16

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(HBED-CC)TFP-

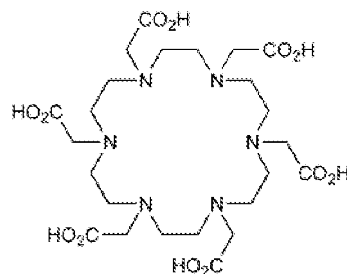
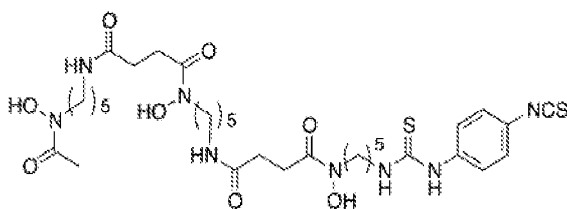
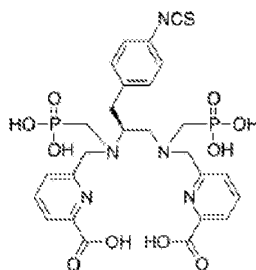
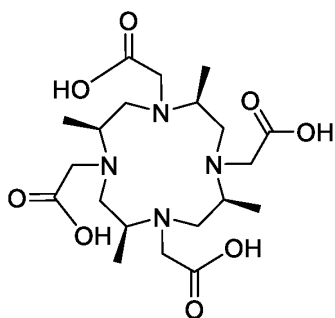
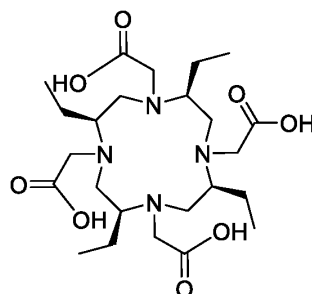
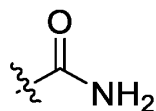
HEHA, 1,4,7,10,13,16-hexaazacyclohexadecane-*N,N,N',N',N'',N'''*-hexaacetic acid,*p*-SCN-Bn-DFOBifunctional derivative *p*-SCN-Bn-H₆phospa2,2',2'',2'''-((2*S*,5*S*,8*S*,11*S*)-2,5,8,11-tetramethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetrayl)tetraacetic acid2,2',2'',2'''-((2*S*,5*S*,8*S*,11*S*)-2,5,8,11-tetraethyl-1,4,7,10-tetraazacyclododecane-1,4,7,10-tetrayl)tetraacetic acid

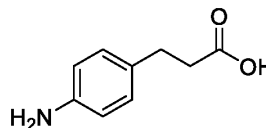
FIG. 17

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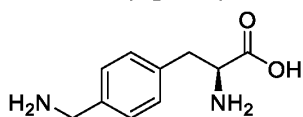
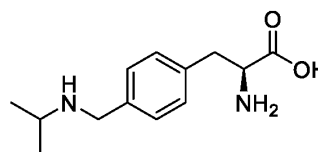
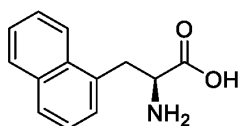
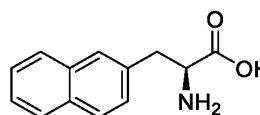
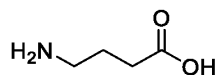
Cbm: carbamoyl-



4Aph: 4-aminophenyl propanoic acid



4Amp (Amp): 4-aminomethylphenylalanine

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

3Pal: Pyridyl-L-alanine

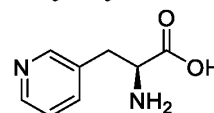
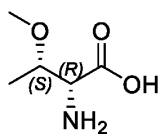
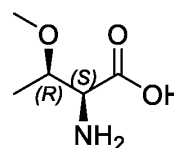
threo-(2*R*,3*S*)C ^{β} Methreo-(2*S*,3*R*)C ^{β} Me

FIG. 18A

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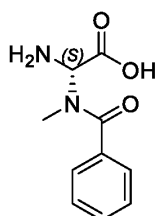
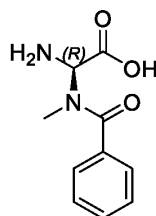
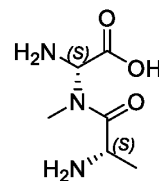
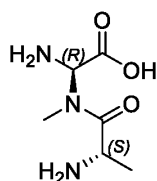
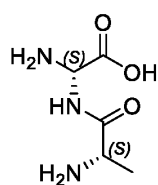
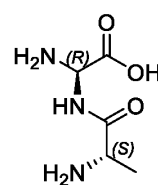
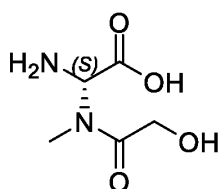
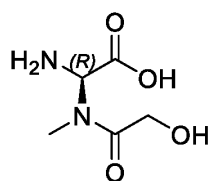
 $^L\text{Agl}(\text{N}^\beta\text{Me}, \text{benzoyl})$  $^D\text{Agl}(\text{N}^\beta\text{Me}, \text{benzoyl})$  $^L\text{Agl}(\text{N}^\beta\text{Me}, ^\beta\text{Ala})$  $^D\text{Agl}(\text{N}^\beta\text{Me}, ^\beta\text{Ala})$  $^L\text{Agl}(^\beta\text{Ala})$  $^D\text{Agl}(^\beta\text{Ala})$  $^L\text{Agl}-(\text{N}^\beta\text{Me},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

FIG. 18B

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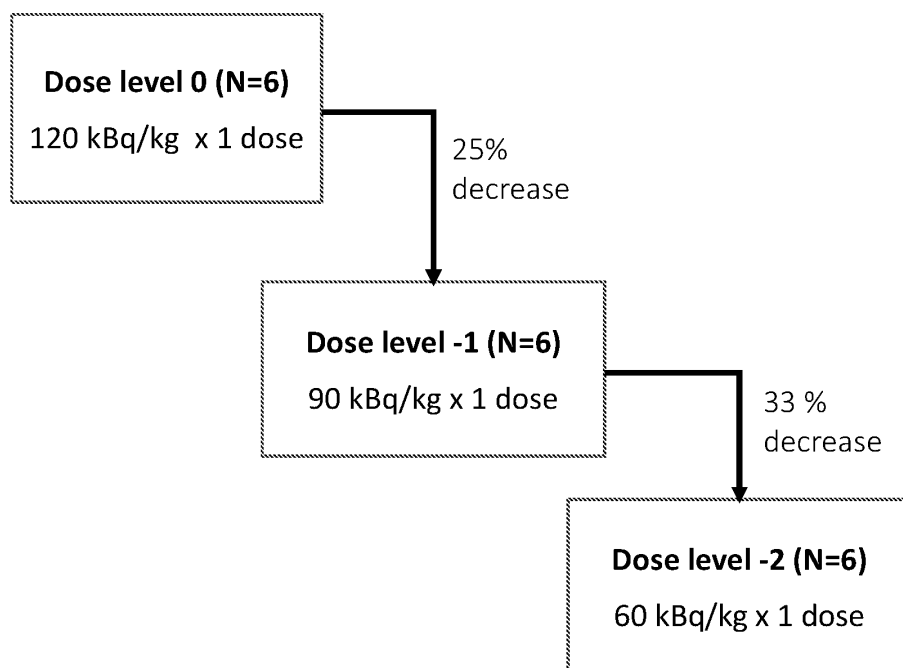


FIG. 19

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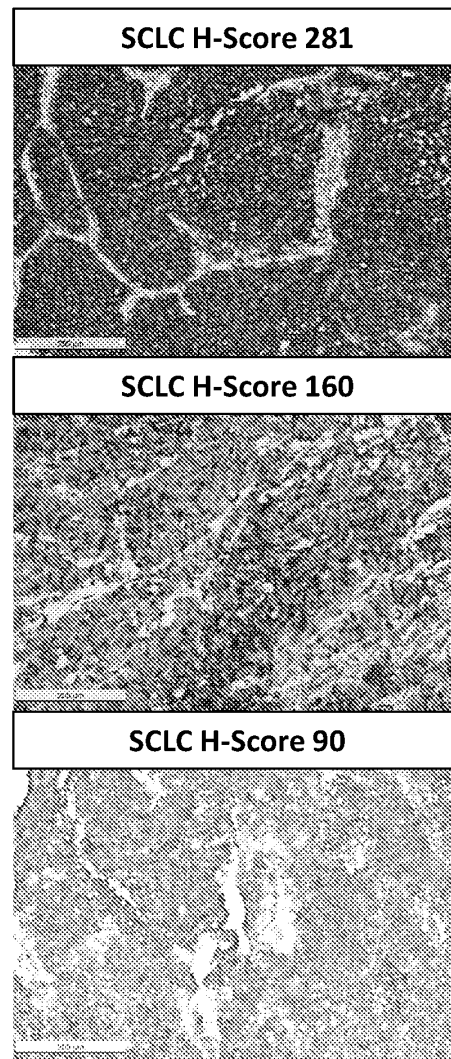


FIG. 20A

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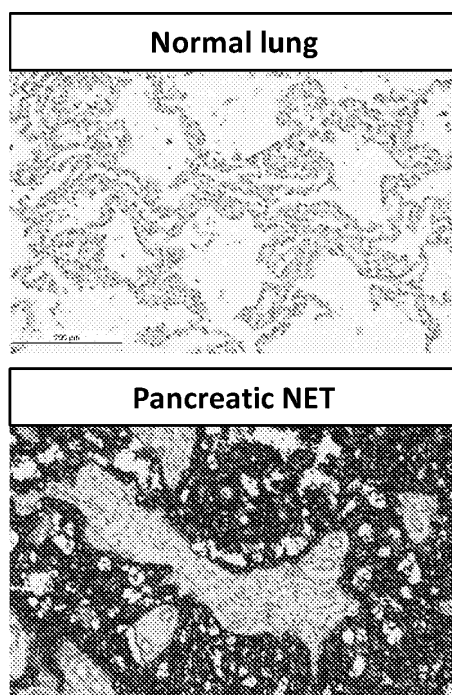


FIG. 20B

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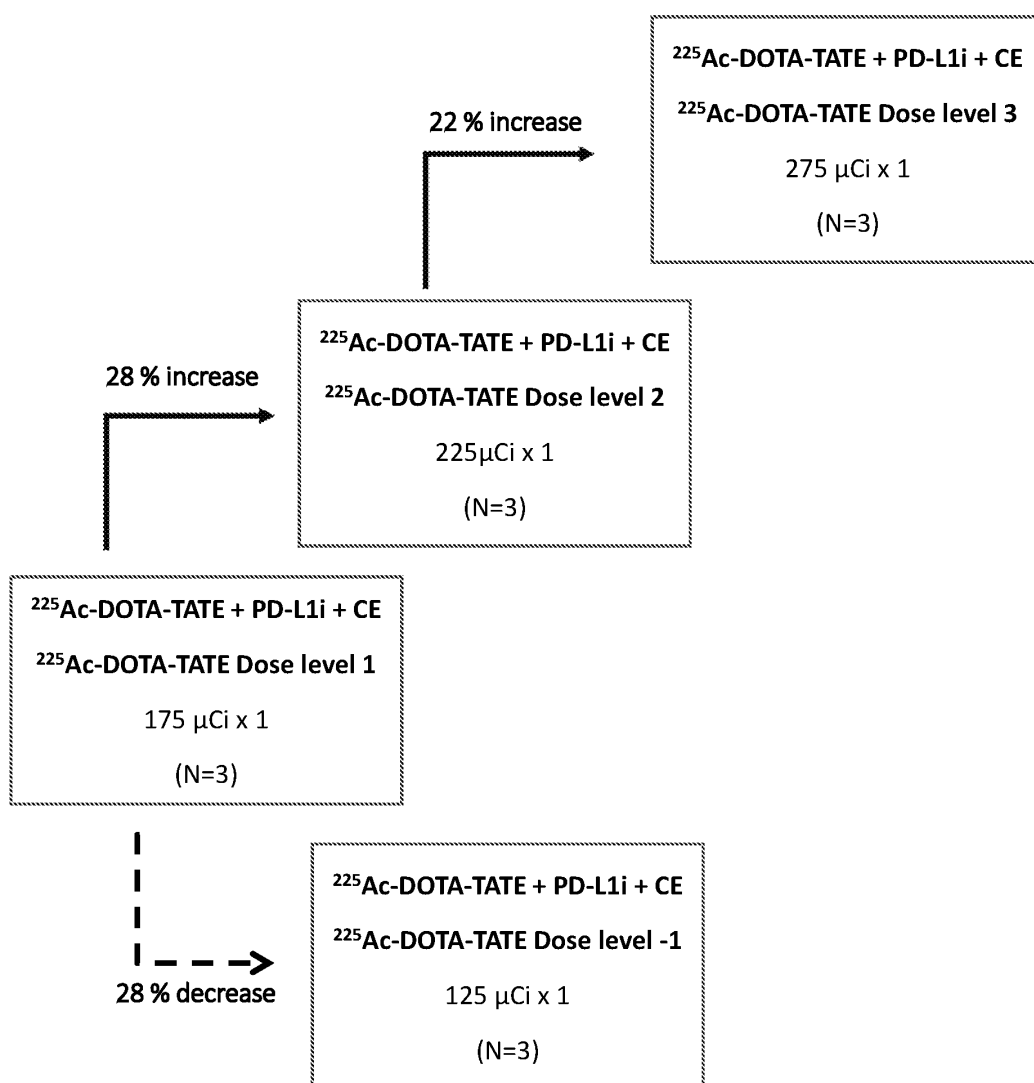


FIG. 21

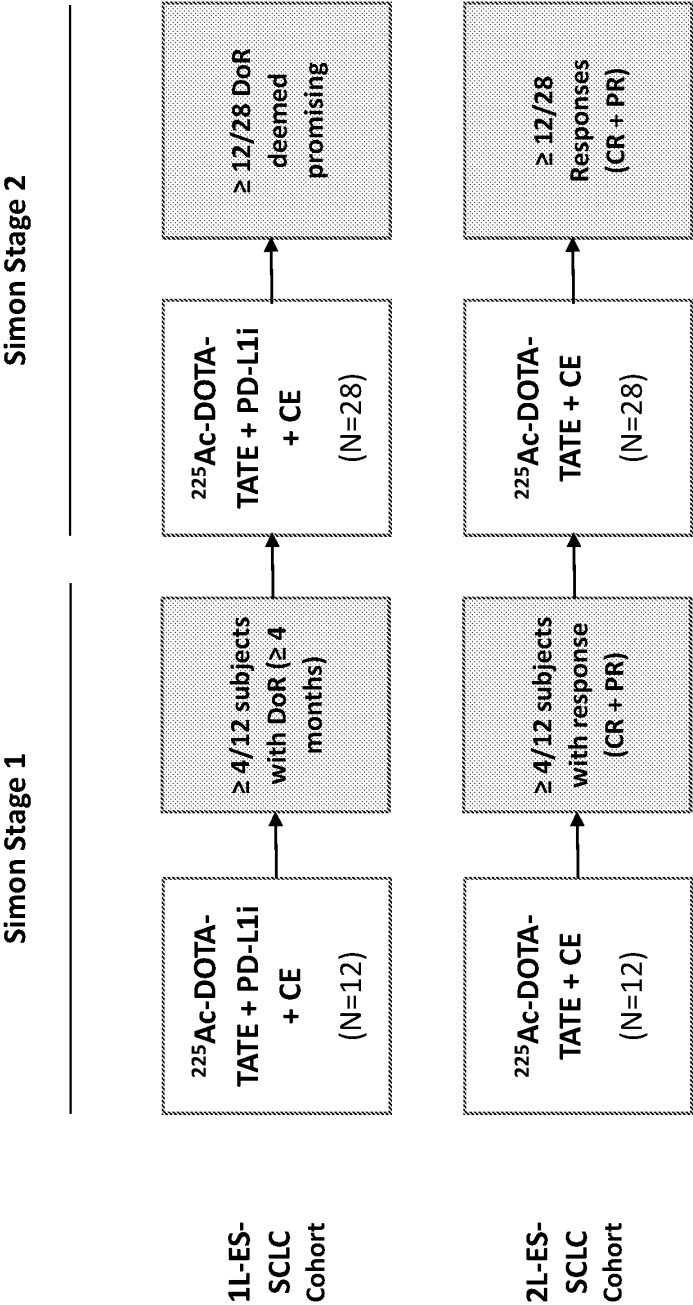


FIG. 22

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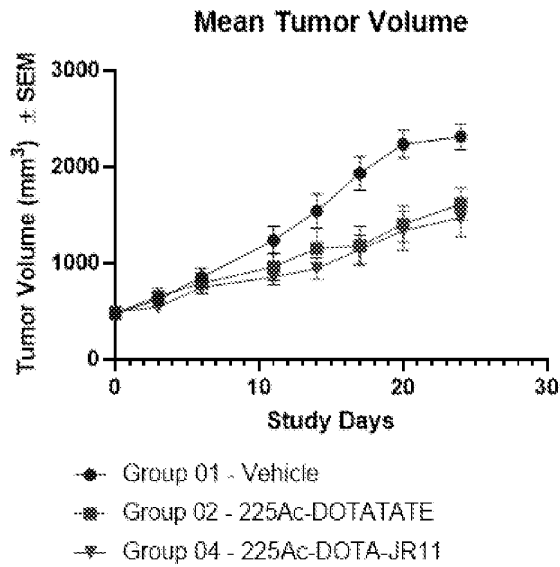


FIG. 23A

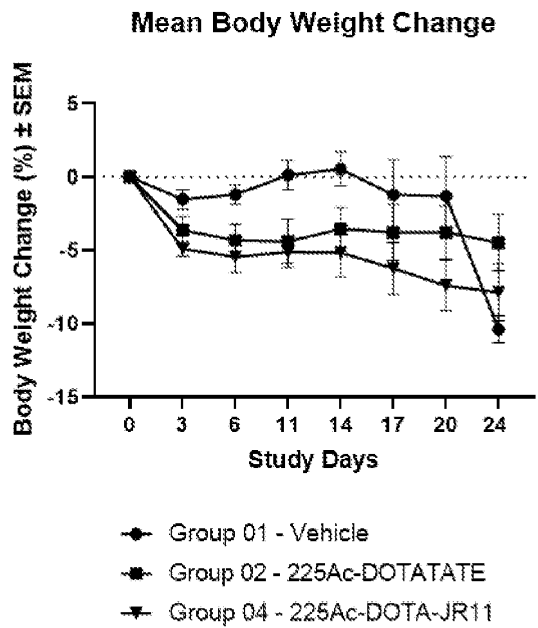


FIG. 23B