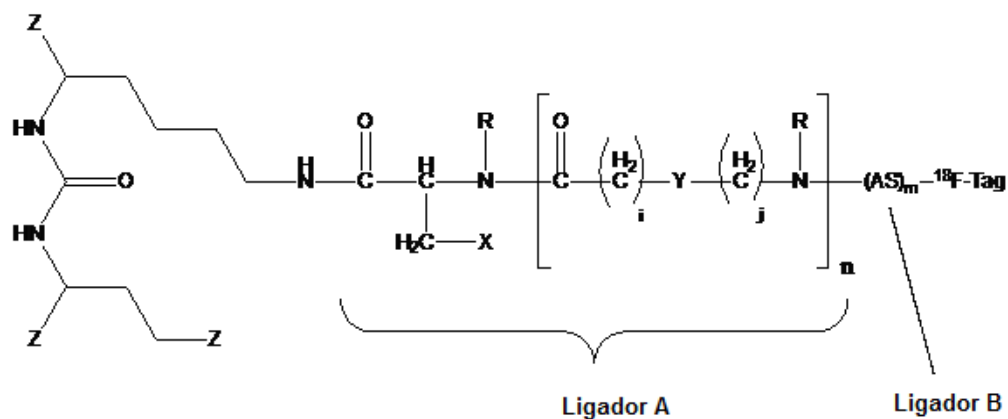


REIVINDICACIONES MODIFICADAS

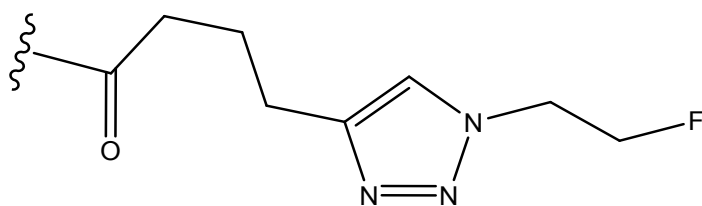
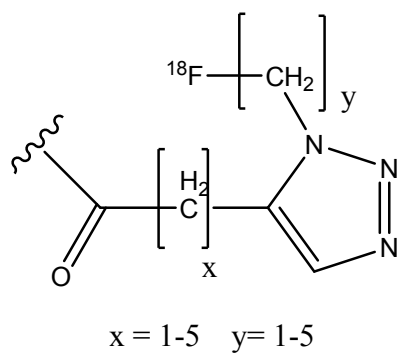
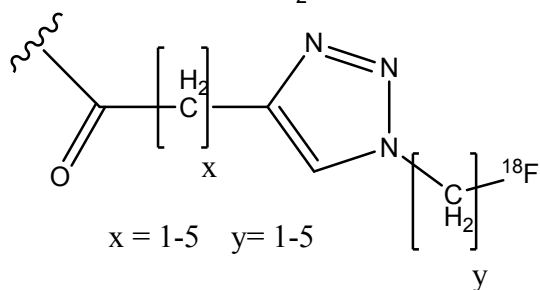
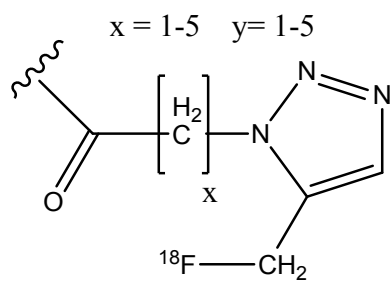
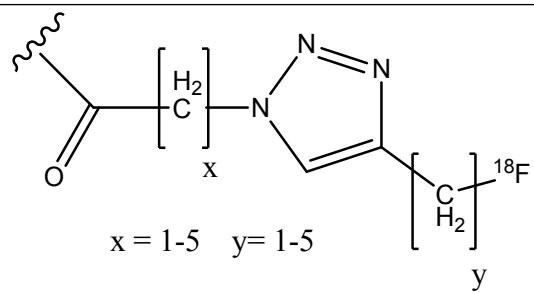
1. Un compuesto de Fórmula I:

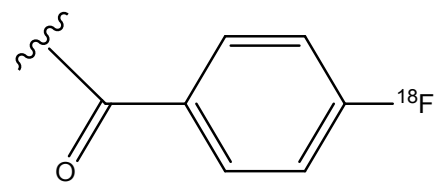
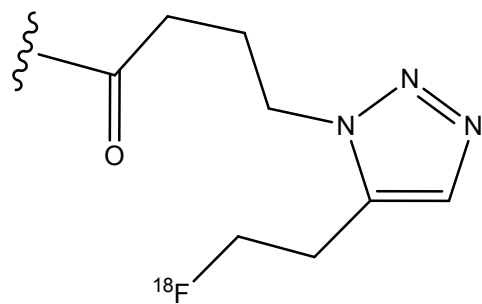
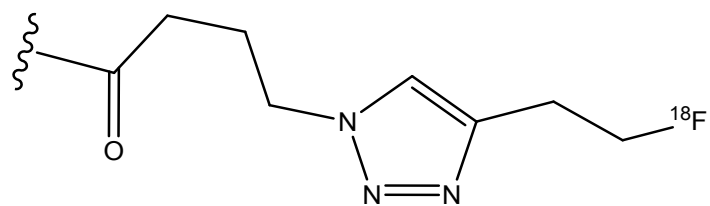
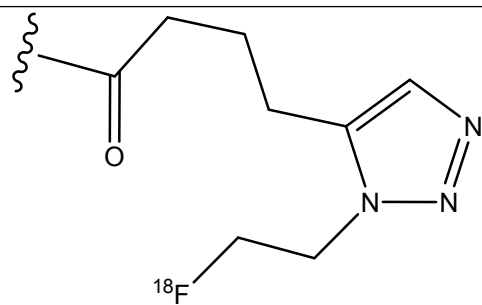


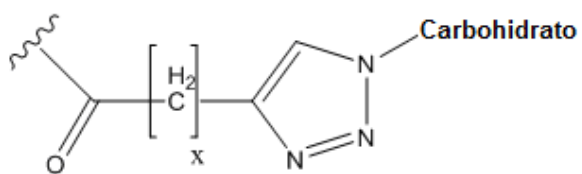
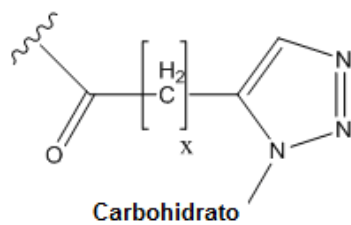
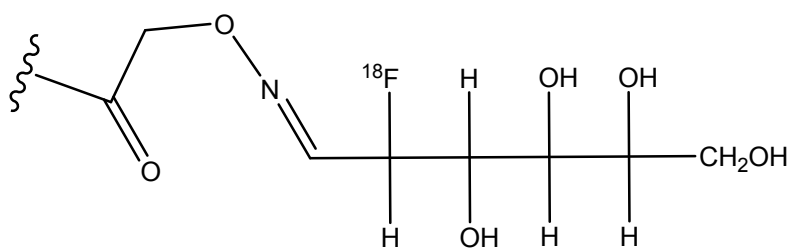
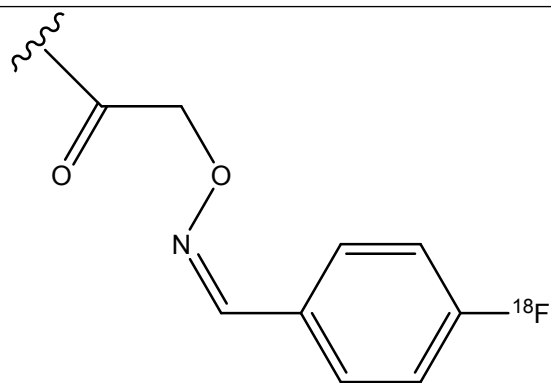
Fórmula I

con:

i, j	0, 1
m	1 – 5
n	0 – 3
R	H, CH ₃
AS	Aminoácido natural o artificial,
Z:	-CO ₂ H, -SO ₂ H, -SO ₃ H, -SO ₄ H, -PO ₂ H, -PO ₃ H, -PO ₄ H ₂
X:	Naftilo, Fenilo, Bifenilo, Indolilo (=2,3-benzopirrolil), Benzotiazolilo, Quinoilo
Y:	Arilo, Alquilarilo, Ciclopentilo, Ciclohexilo, Cicloheptilo, N-Piperidil y sal de Piperidil metilado
¹⁸ F-marca:	



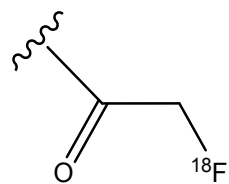
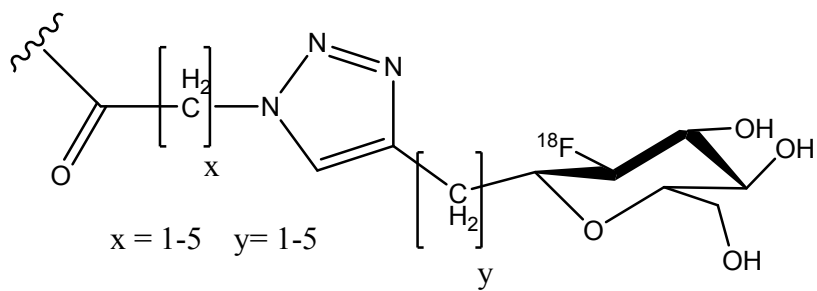
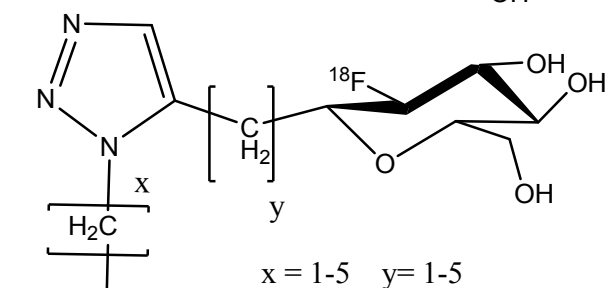
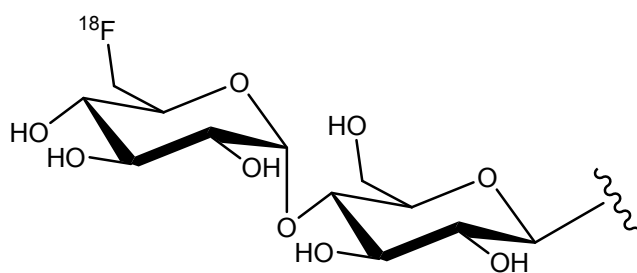
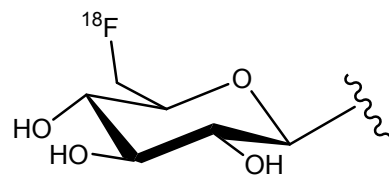
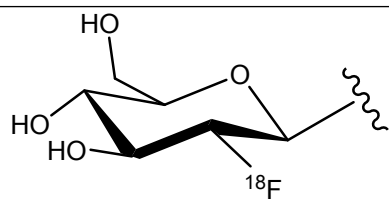


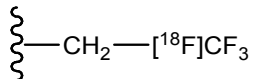
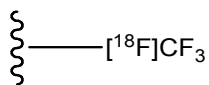
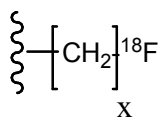
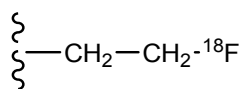
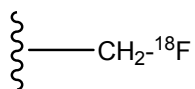
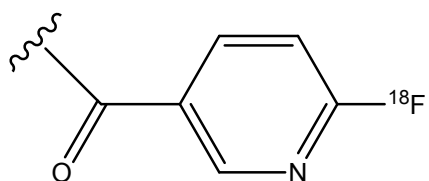
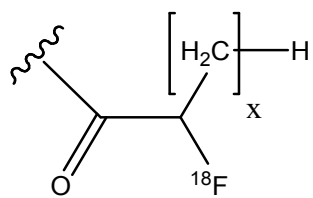
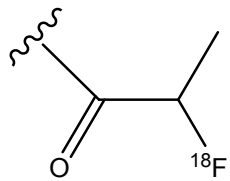


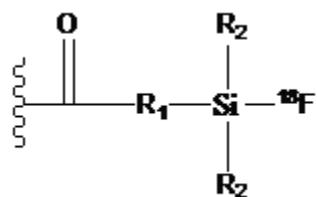
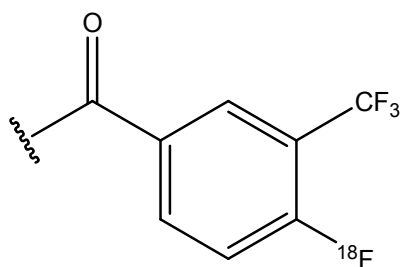
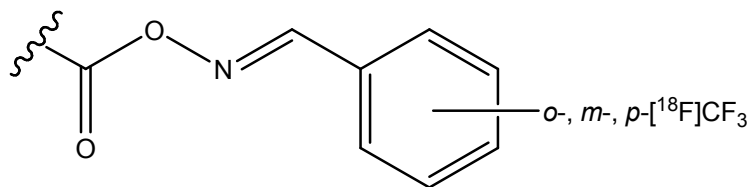
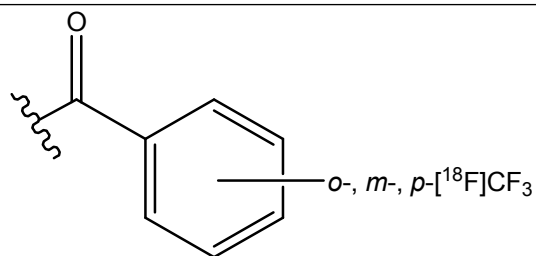
Con:

$x = 1-5$

Carboidrato :







R_1 : Cualquier ligador alquilo, arilo y arilalquilo

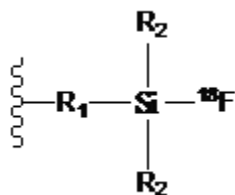
Especialmente metilo, 2-etilo, 3-propilo

2-,3-,4-fenilo, 2-,3-,4-fenilmetilo, 2-,3-,4-fenilpropilo

R_2 : Cualquier grupo alquilo o arilo

especialmente metil isopropilo, ter-butilo,

fenilo o 1-naftilo



R₁: Cualquier ligador alquilo, arilo y arilalquilo

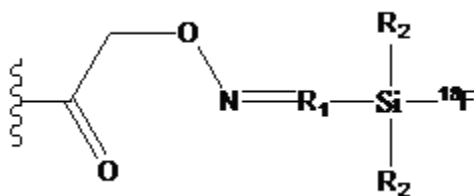
Especialmente metilo, 2-etilo, 3-propilo

2-,3-,4-fenilo, 2-,3-,4-fenilmetilo, 2-,3-,4-fenilpropilo

R₂: Cualquier grupo alquilo o arilo

especialmente metil isopropilo, ter-butilo,

fenilo o 1-naftilo



R₁: Cualquier ligador alquilo, arilo y arilalquilo

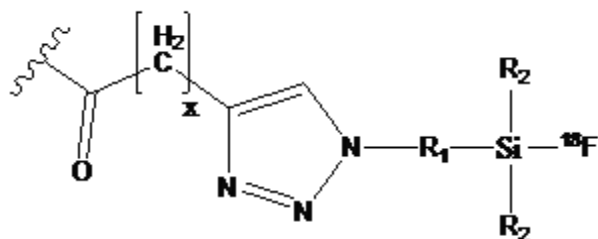
Especialmente metilo, 2-etilo, 3-propilo

2-,3-,4-fenilo, 2-,3-,4-fenilmetilo, 2-,3-,4-fenilpropilo

R₂: Cualquier grupo alquilo o arilo

especialmente metil isopropilo, ter-butilo,

fenilo o 1-naftilo



x = 1-5

R₁: Cualquier ligador alquilo, arilo y arilalquilo

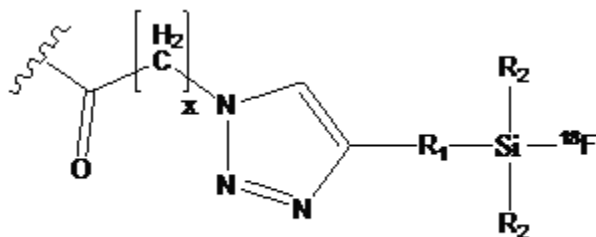
Especialmente metilo, 2-etilo, 3-propilo

2-,3-,4-fenilo, 2-,3-,4-fenilmetilo, 2-,3-,4-fenilpropilo

R₂: Cualquier grupo alquilo o arilo

especialmente metil isopropilo, ter-butilo,

fenilo o 1-naftilo



x = 1-5

R₁: Cualquier ligador alquilo, arilo y arilalquilo

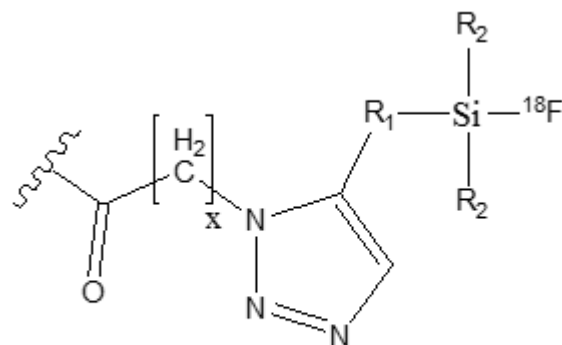
Especialmente metilo, 2-etilo, 3-propilo

2-,3-,4-fenilo, 2-,3-,4-fenilmetilo, 2-,3-,4-fenilpropilo

R₂: Cualquier grupo alquilo o arilo

especialmente metil isopropilo, ter-butilo,

fenilo o 1-naftilo



$x = 1-5$

R_1 : Cualquier ligador alquilo, arilo y arilalquilo

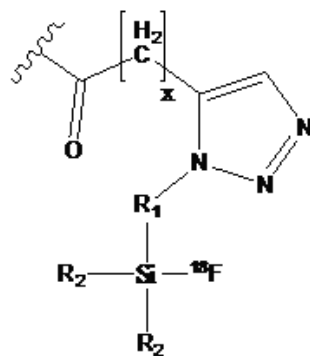
Especialmente metilo, 2-etilo, 3-propilo

2-,3-,4-fenilo, 2-,3-,4-fenilmetilo, 2-,3-,4-fenilpropilo

R_2 : Cualquier grupo alquilo o arilo

especialmente metil isopropilo, ter-butilo,

fenilo o 1-naftilo



$x = 1-5$

R_1 : Cualquier ligador alquilo, arilo y arilalquilo

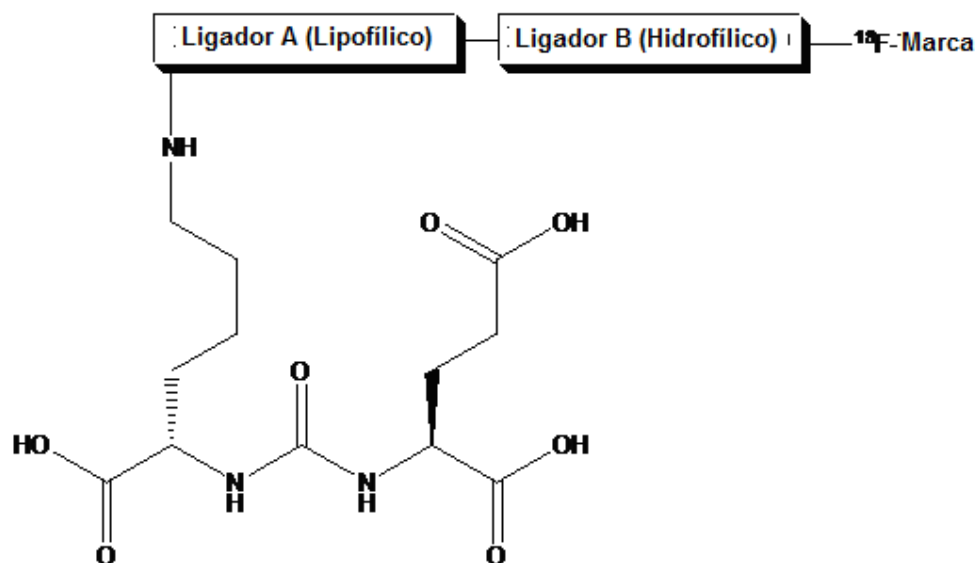
Especialmente metilo, 2-etilo, 3-propilo

2-,3-,4-fenilo, 2-,3-,4-fenilmetilo, 2-,3-,4-fenilpropilo

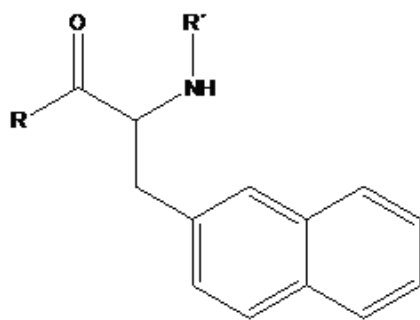
R_2 : Cualquier grupo alquilo o arilo

	especialmente metil isopropilo, ter-butilo, fenilo o 1-naftilo
--	---

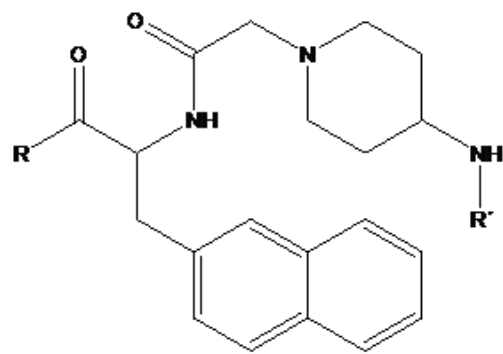
2. El compuesto de la reivindicación 1 que tiene la estructura



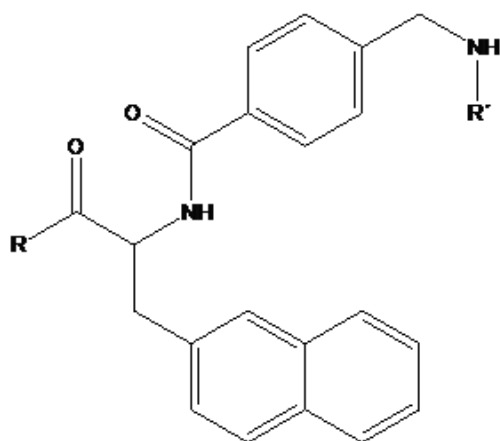
donde el ligador A se selecciona del grupo (con $\text{R} = (\text{Glu})-(\text{Urea})-(\text{Lys})$ y $\text{R}' = (\text{Ligador B})_m-^{18}\text{F}$ -marca; $m = 1-5$)



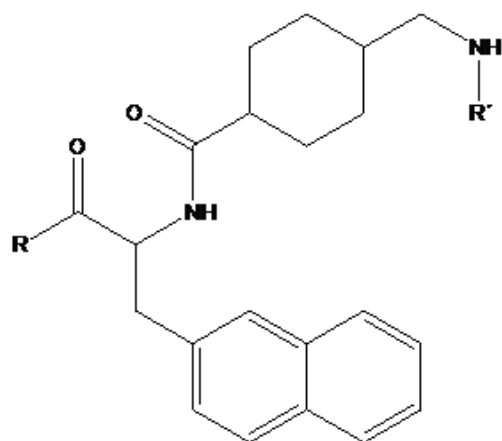
(2-Nal)



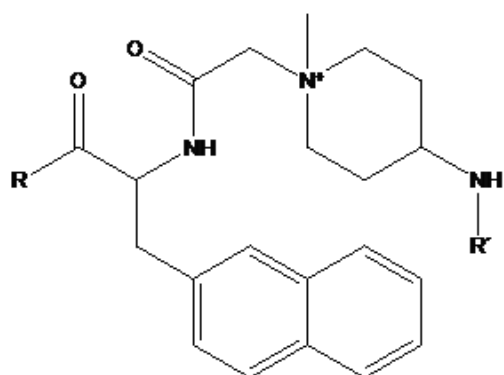
(2-Nal)-(AcAP)



(2-Nal)-(Bn)



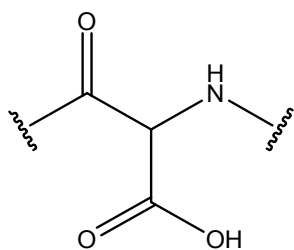
(2-Nal)-(Chx)



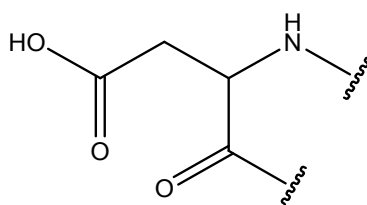
(en forma de cualquier sal farmacéuticamente aceptable)

(2-Nal)-(AcAMP)

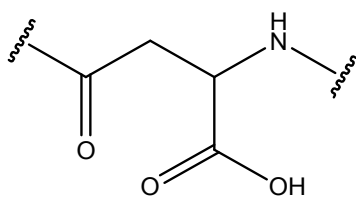
Y el ligador B puede estar presente 1-5 veces y se selecciona del grupo



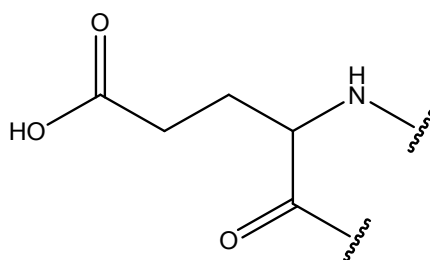
(Mal)



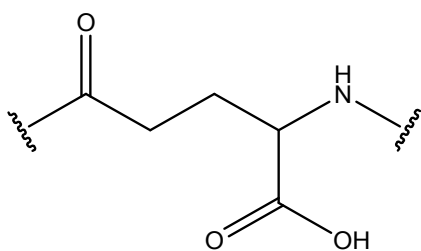
(Asp)



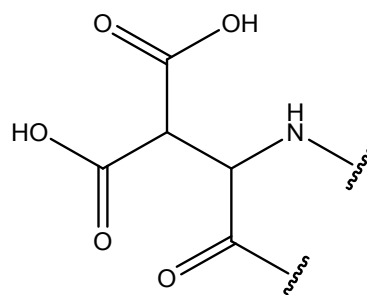
(βAsp)



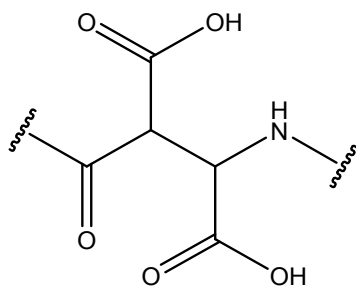
(Glu)



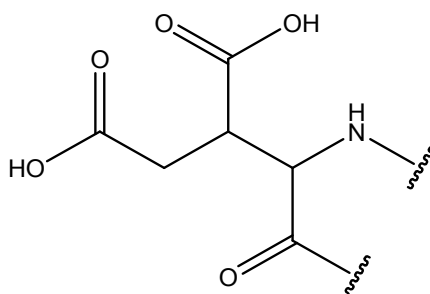
(γGlu)



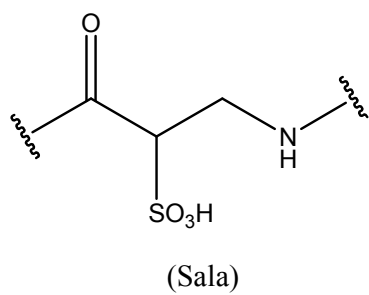
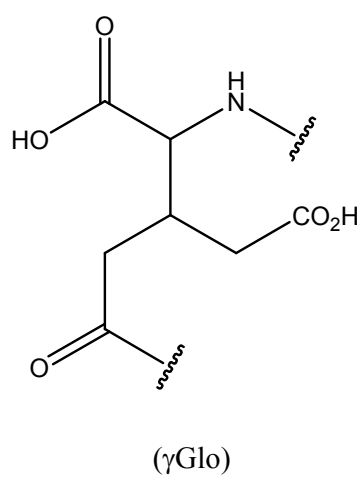
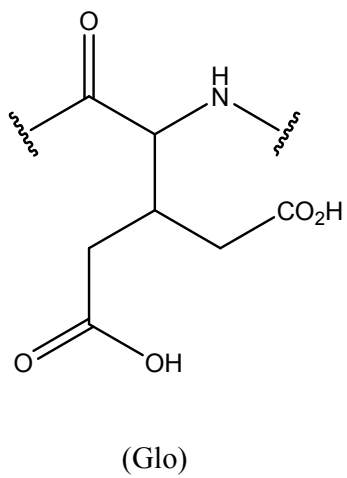
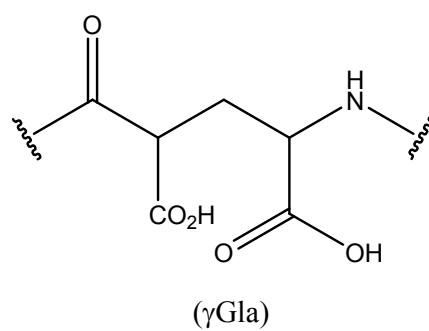
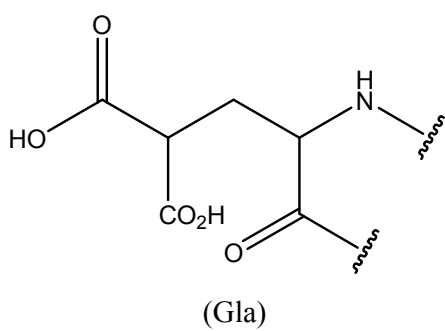
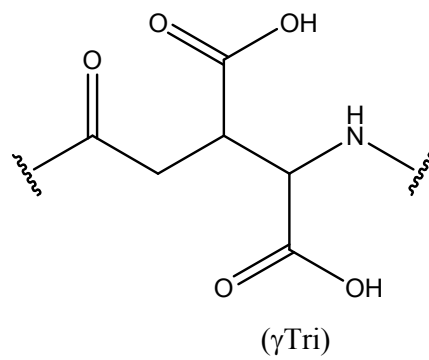
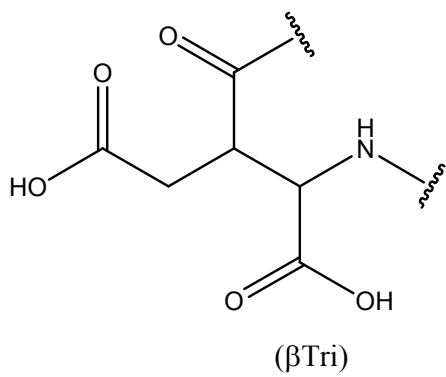
(Lym)



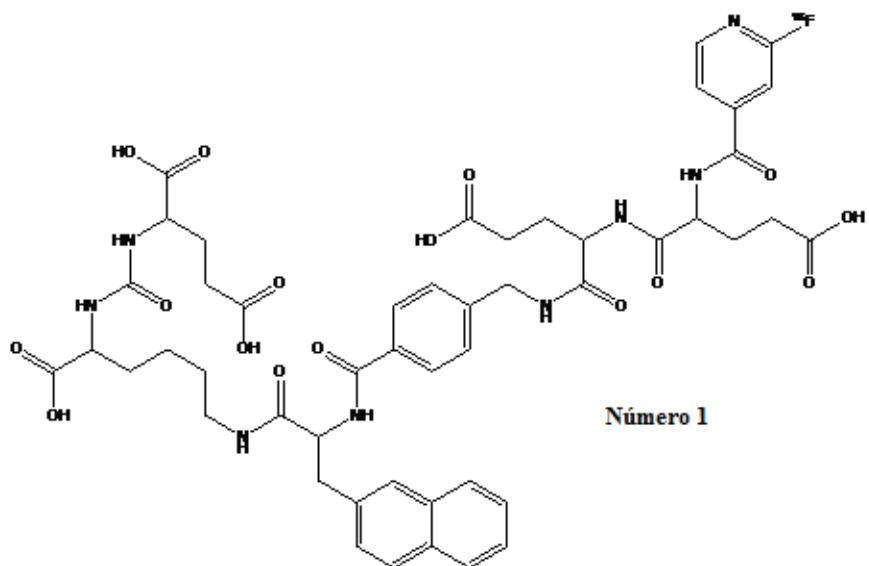
(βLym)



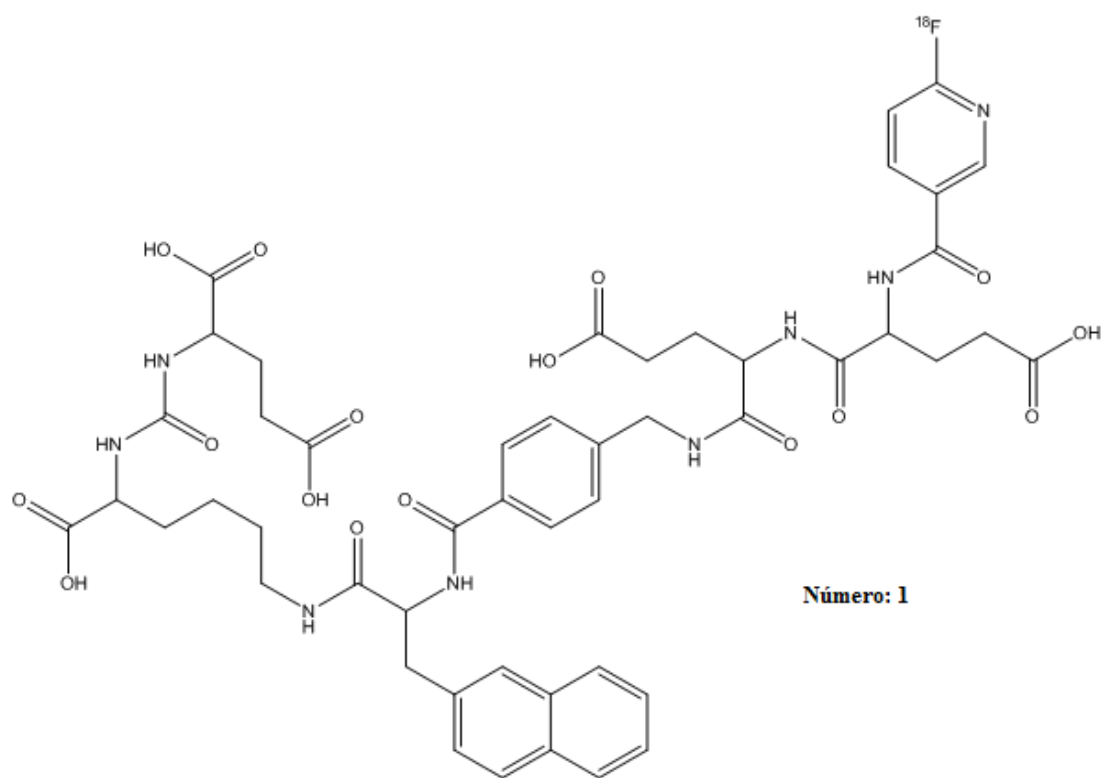
(Tri)

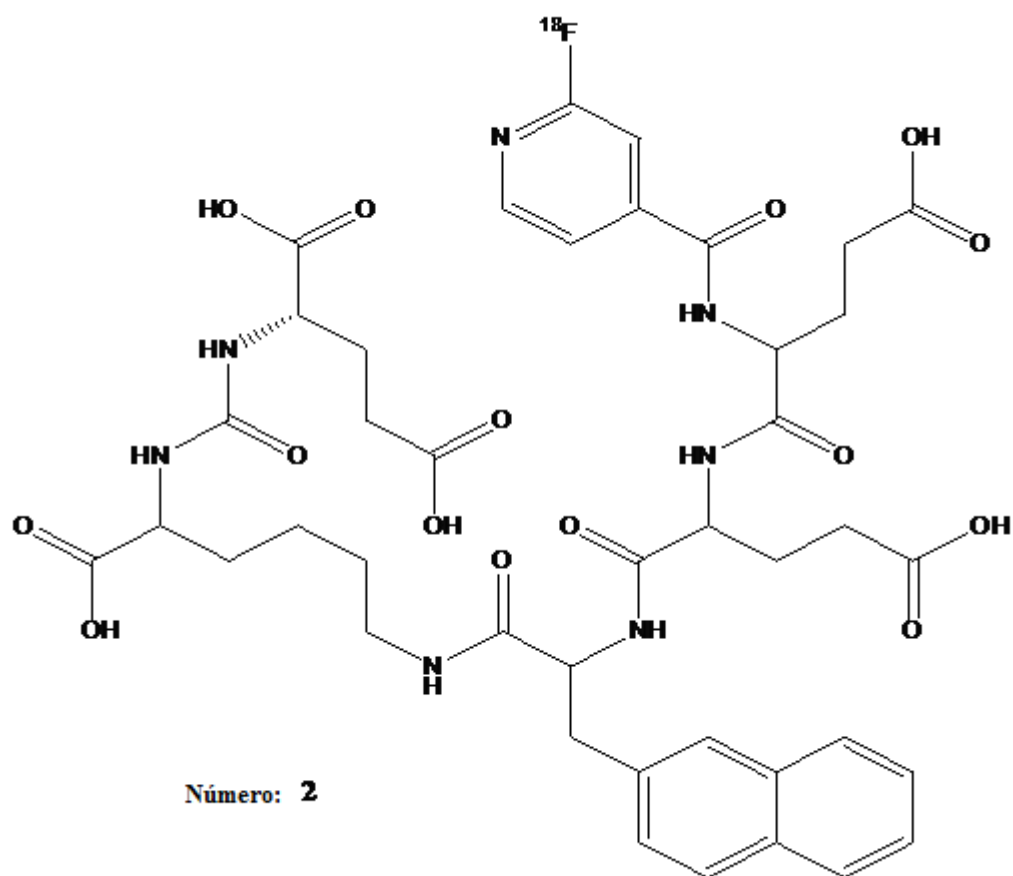


3. El compuesto de la reivindicación 1 o 2, seleccionado de los siguientes

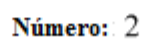


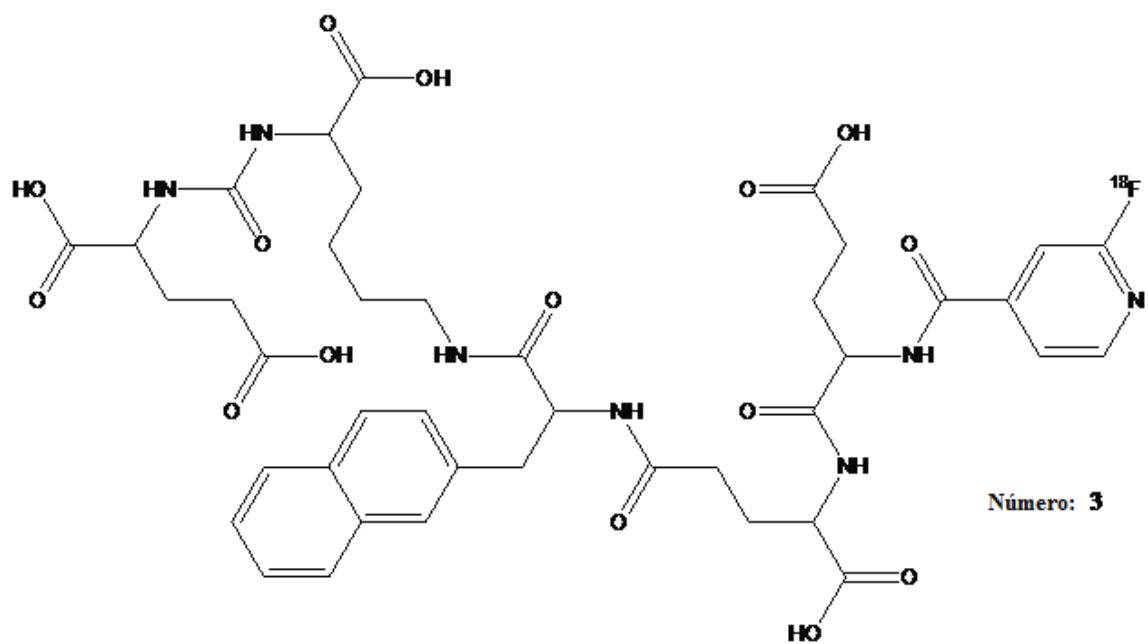
O



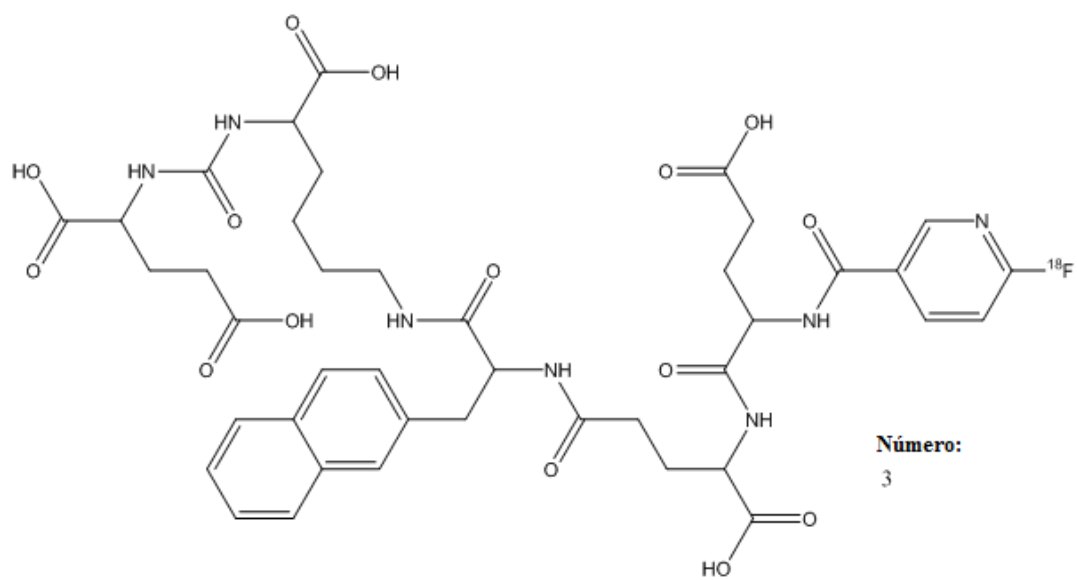


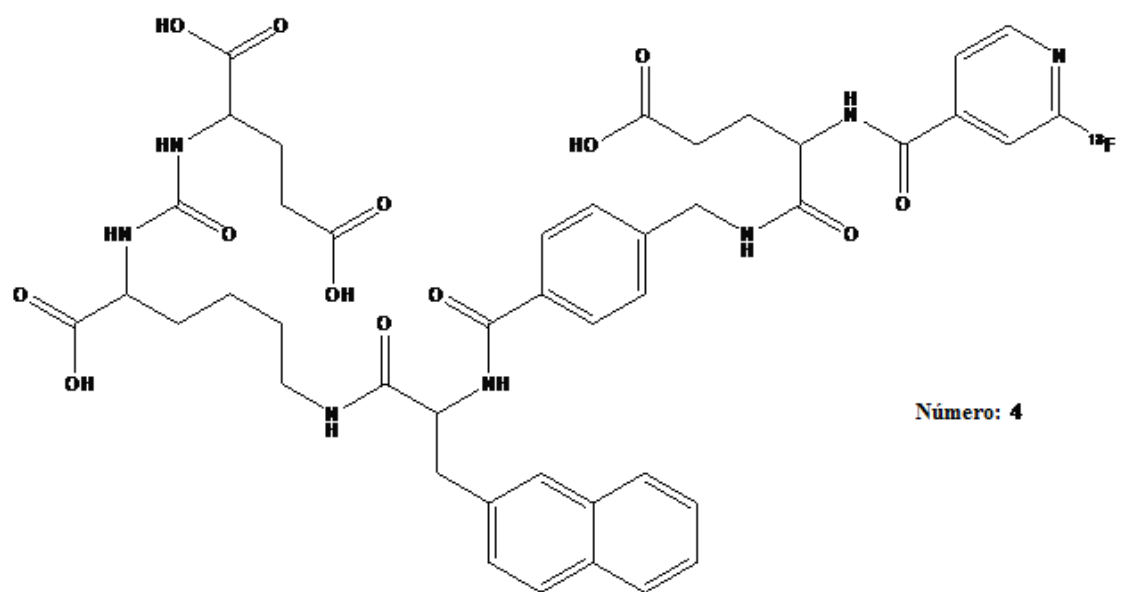
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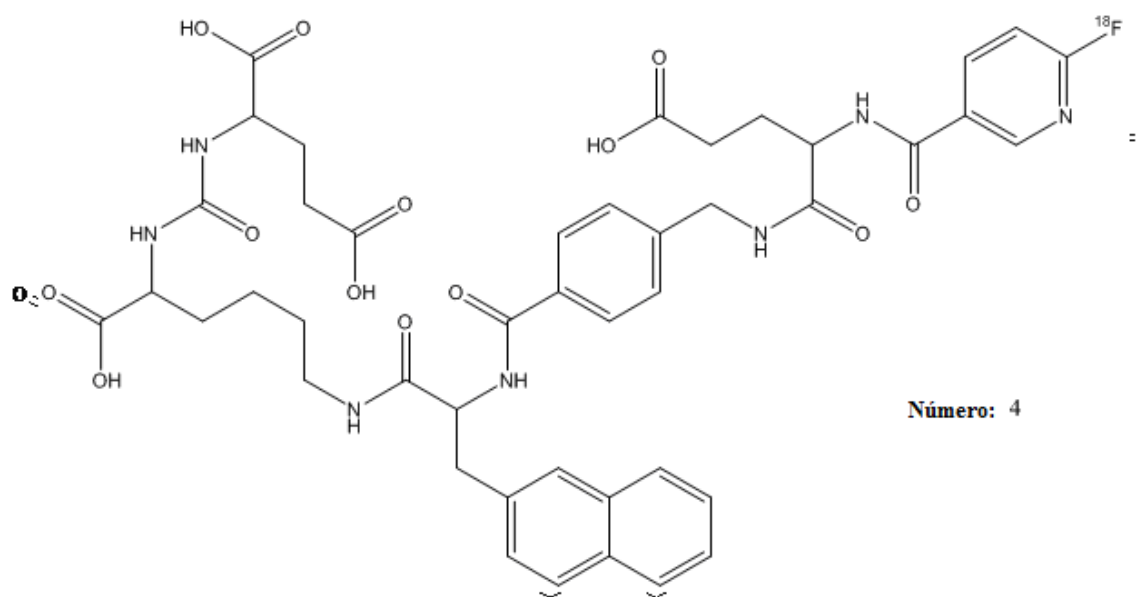


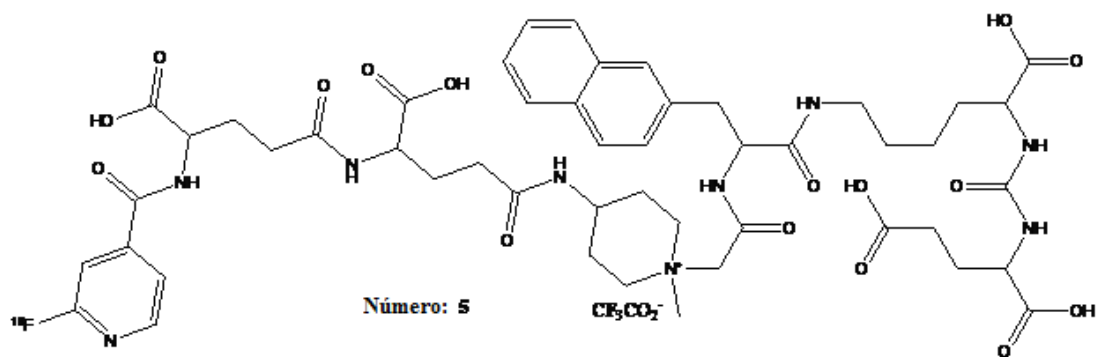
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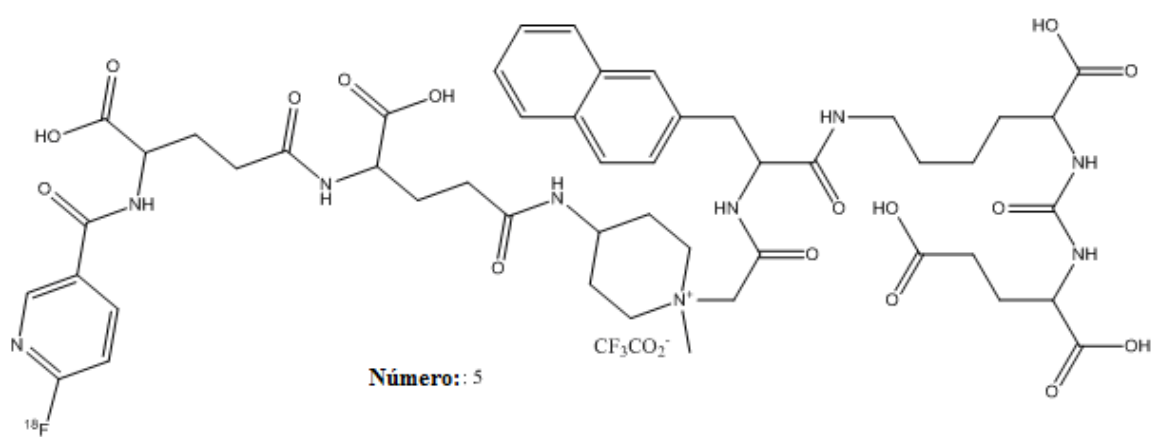


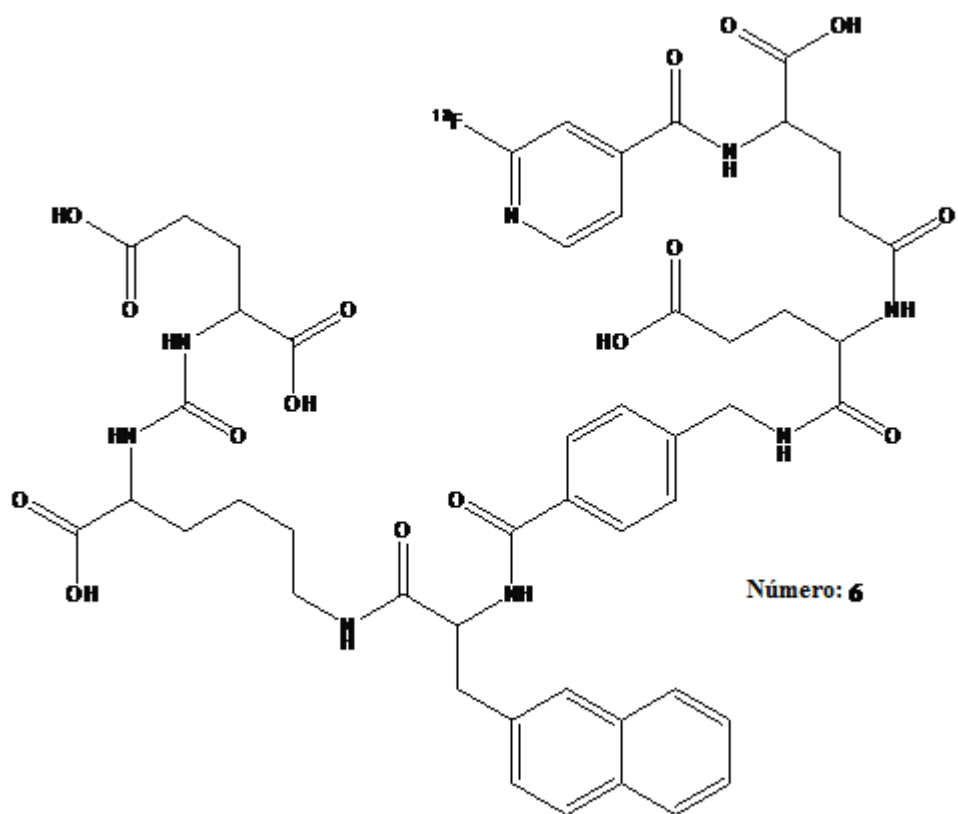
O



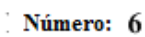


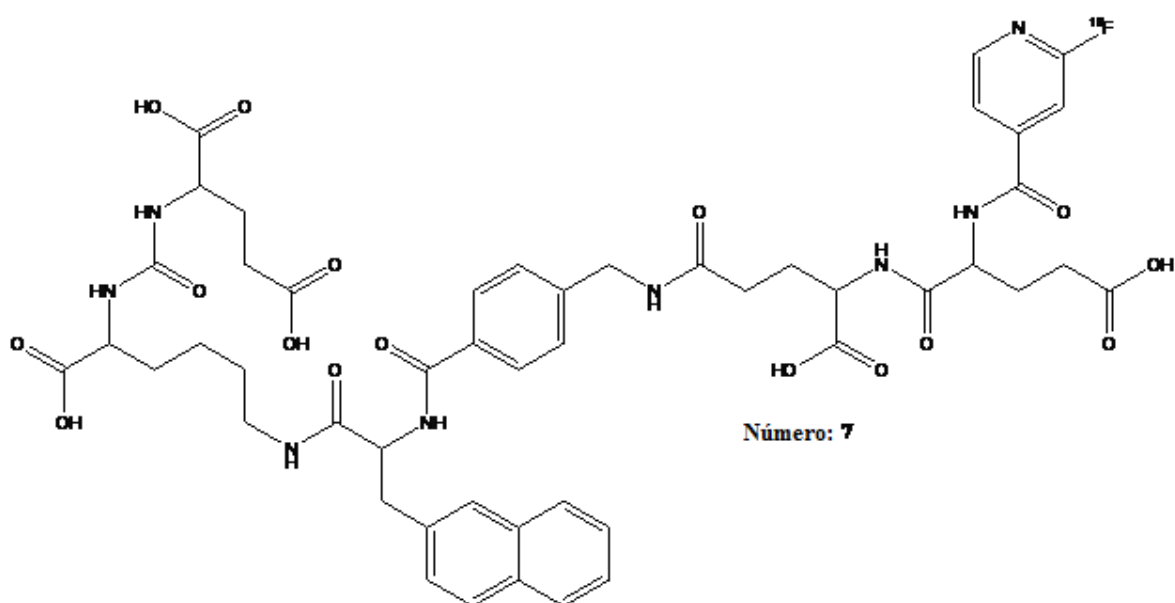
O



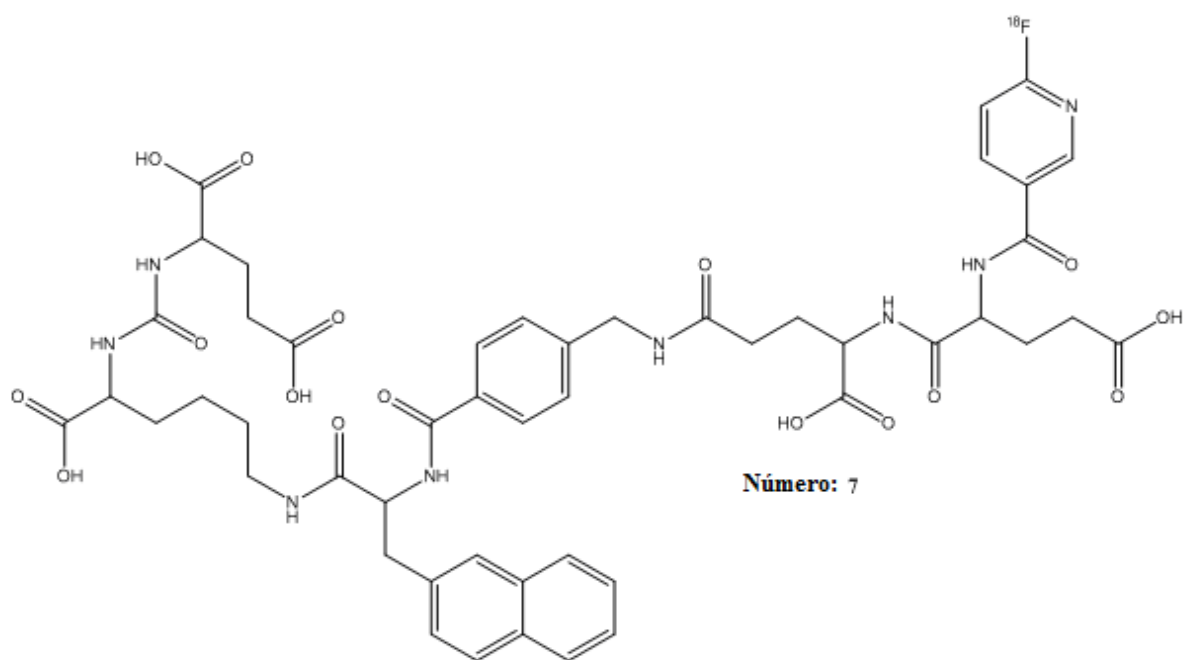


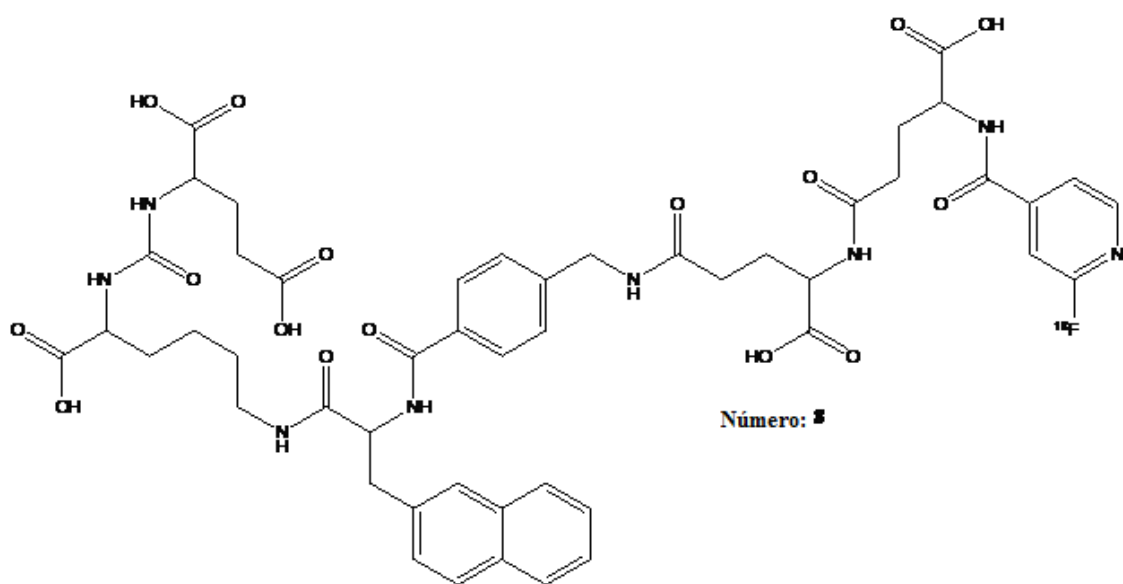
O



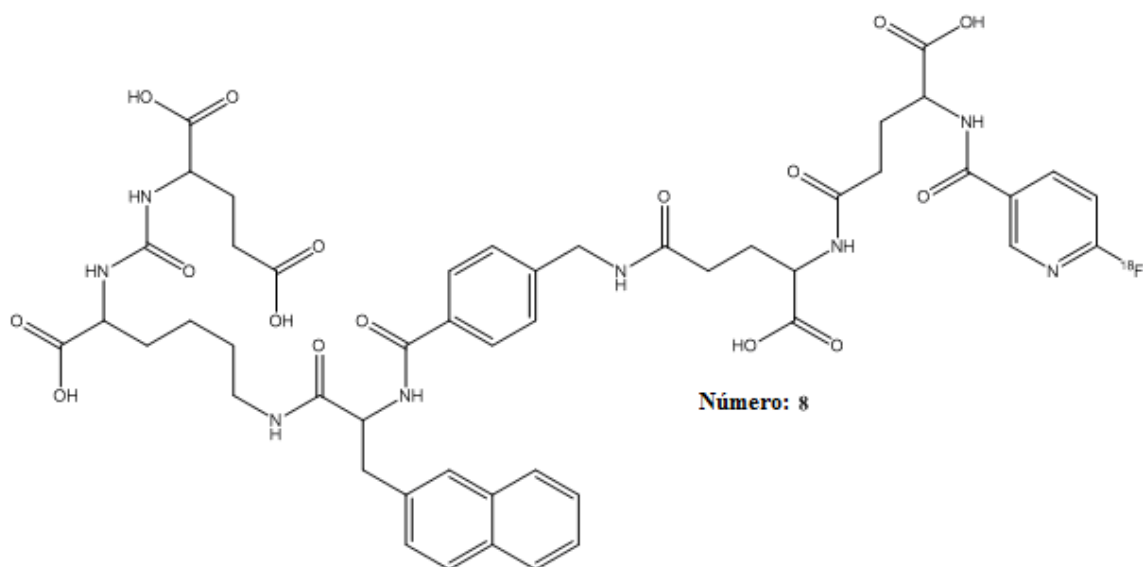


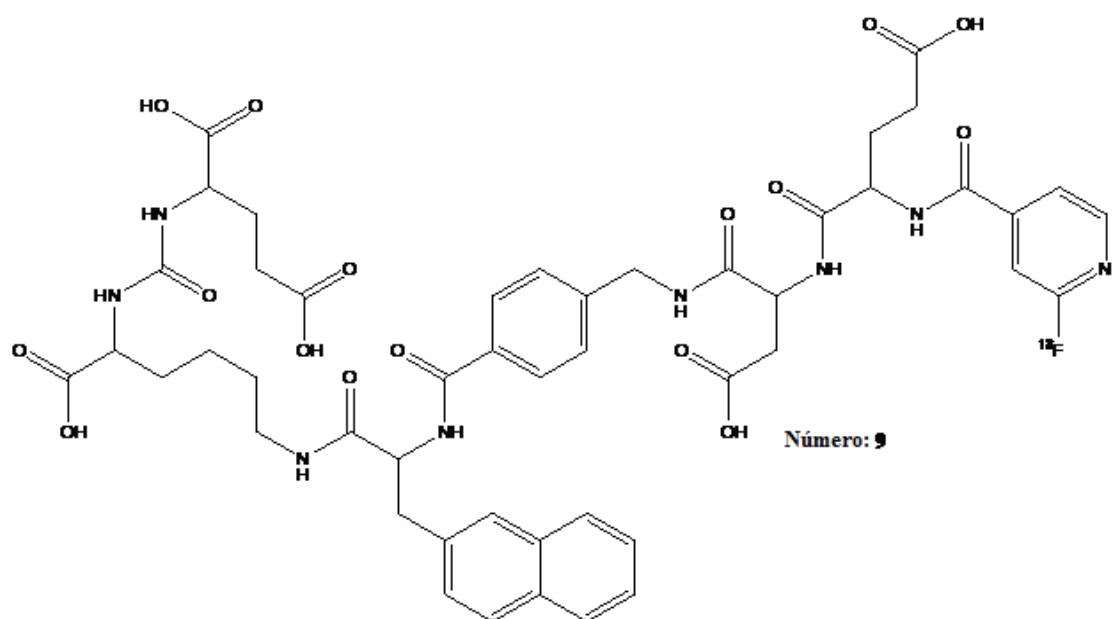
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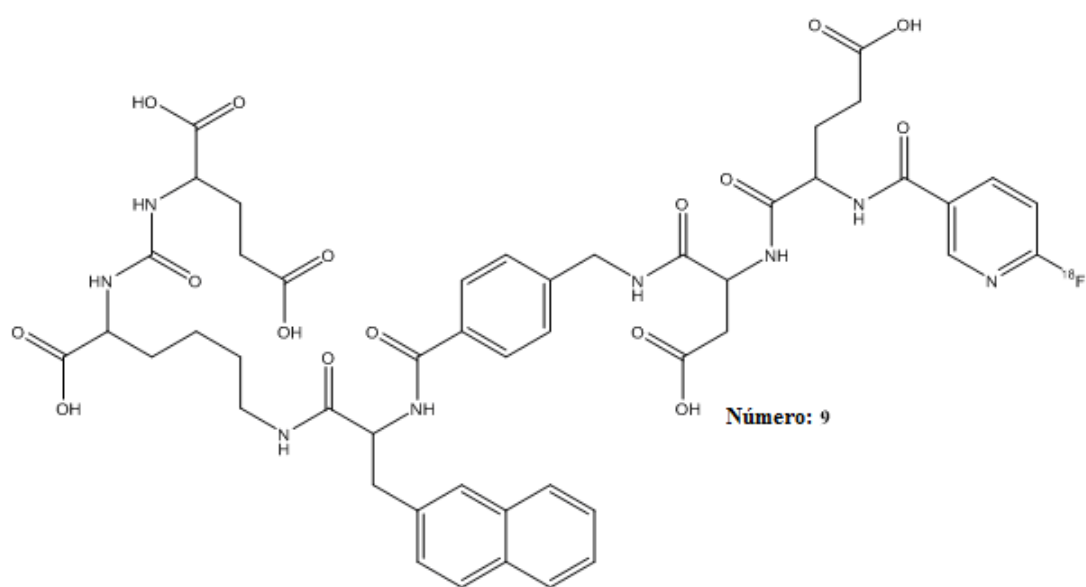


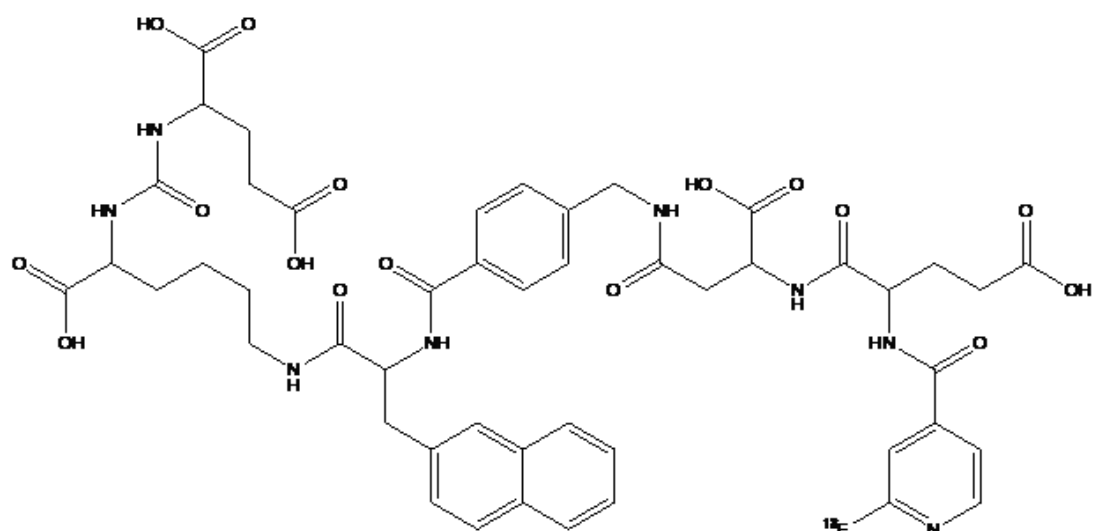
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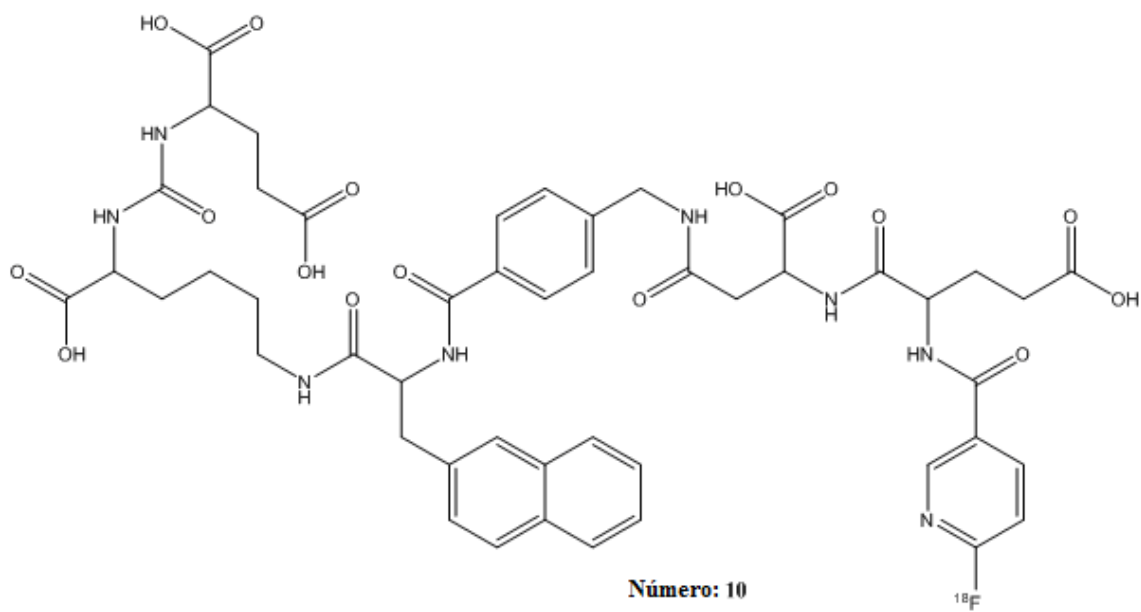
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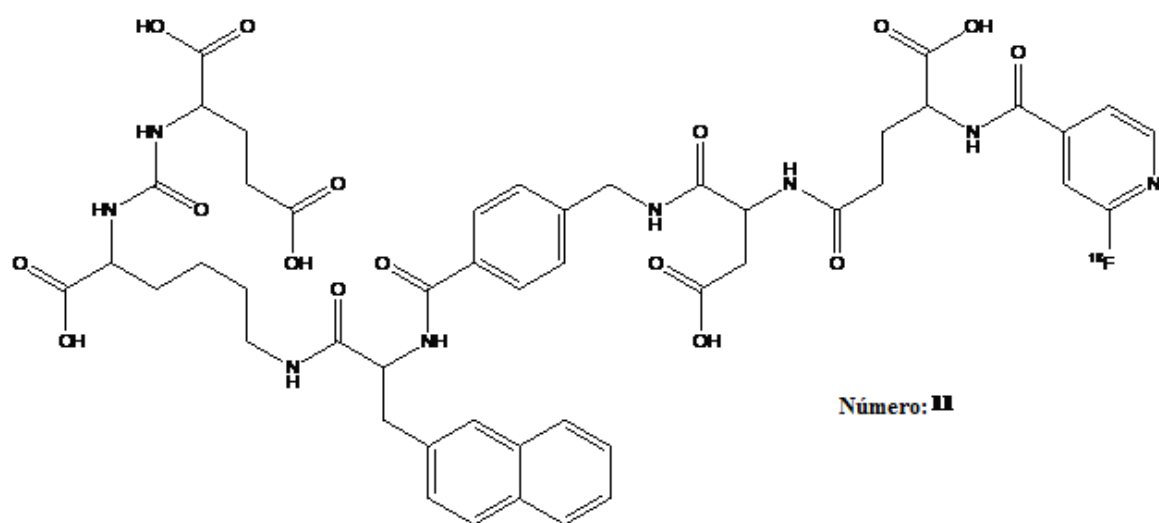


Número: 10

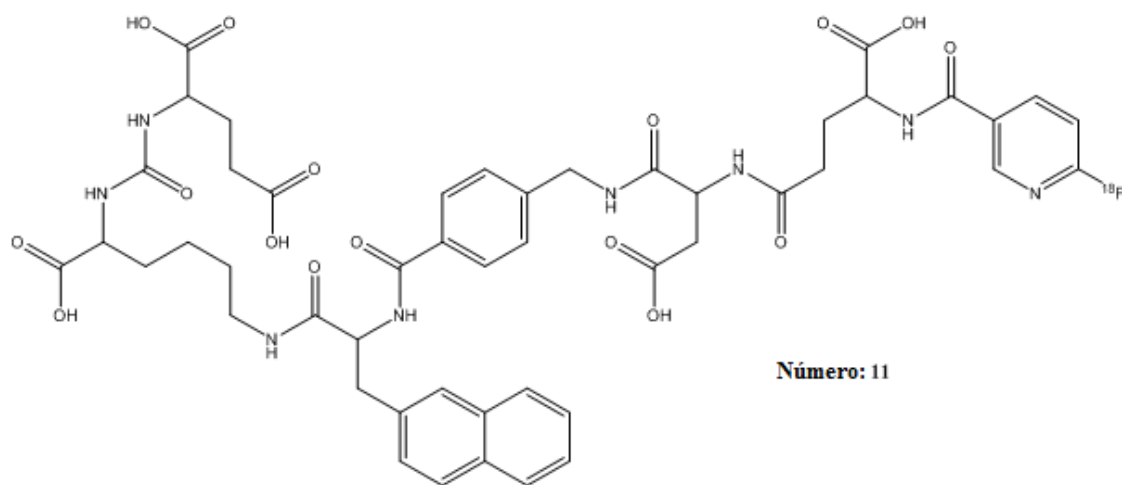
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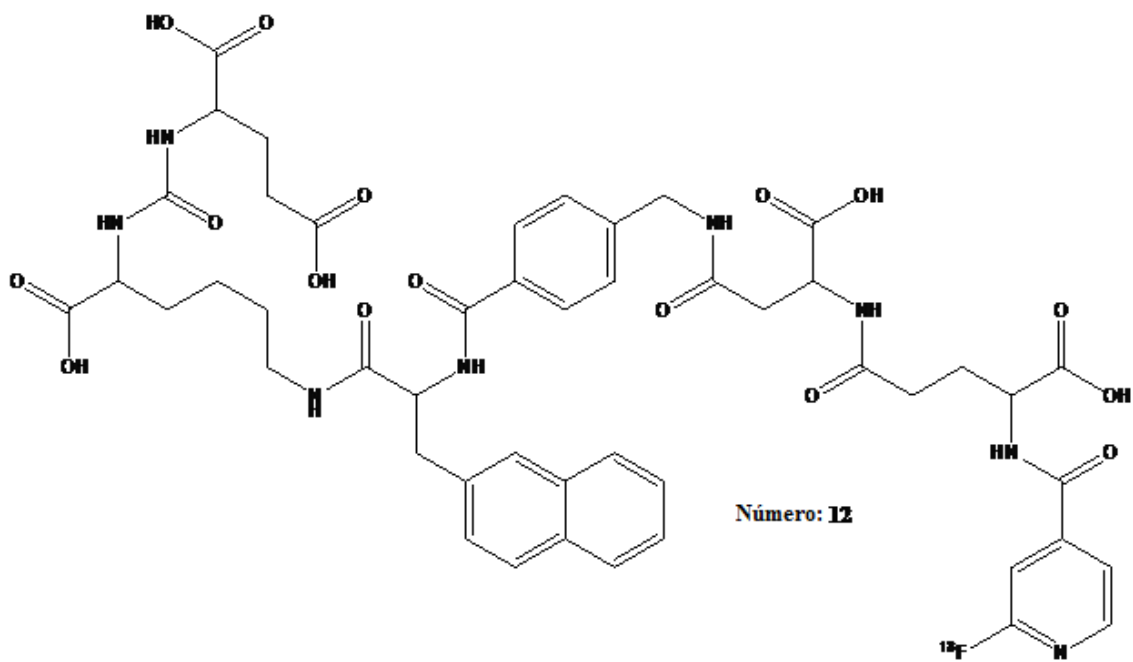


Número: 10

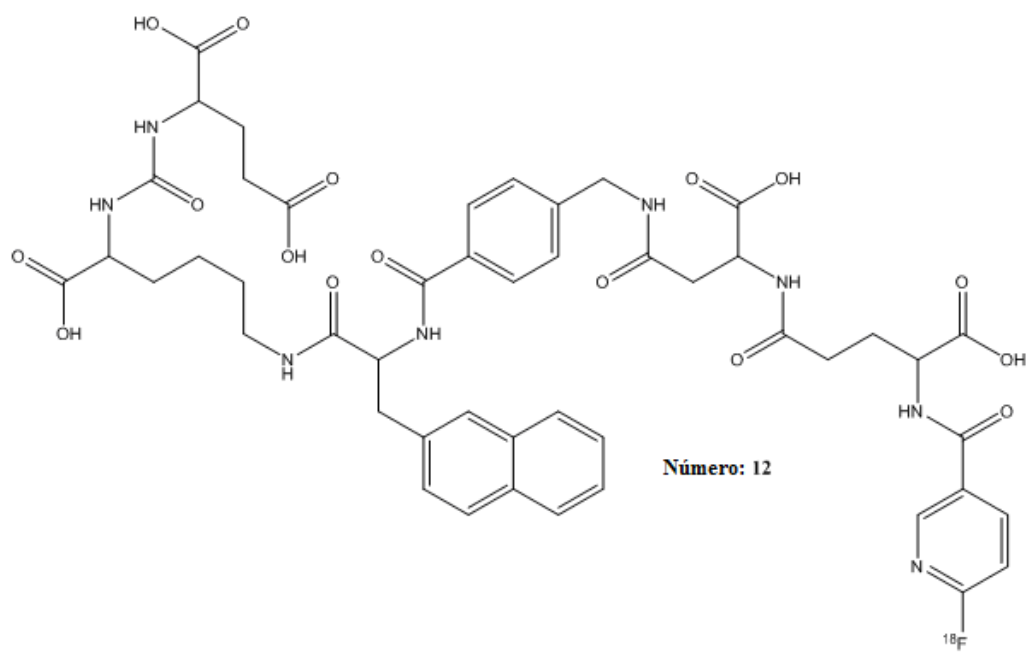


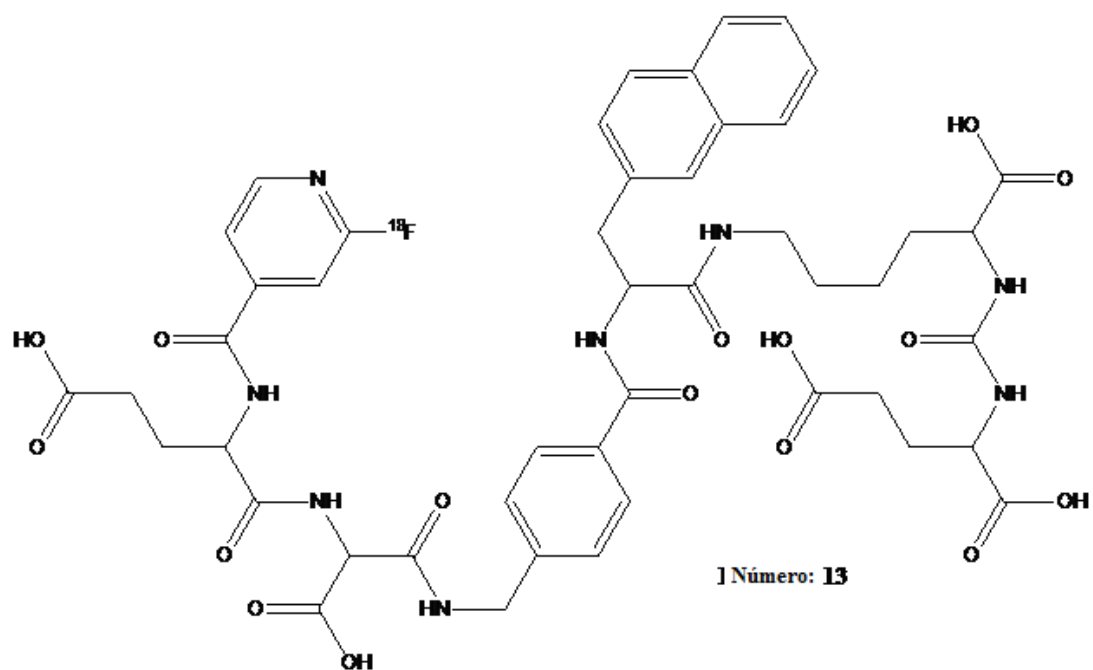
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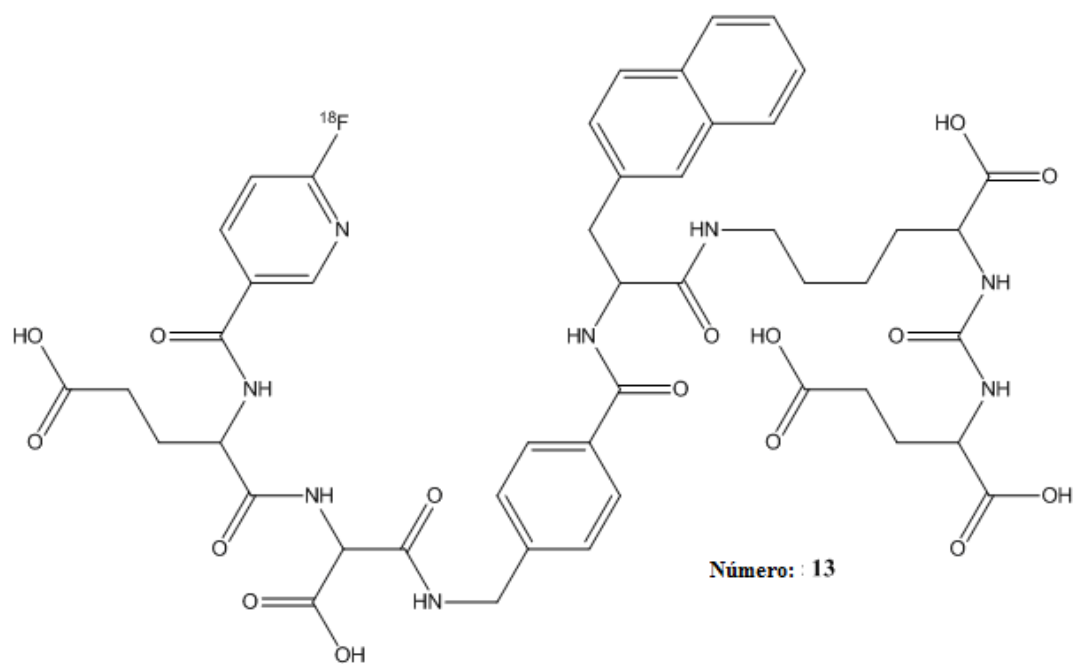


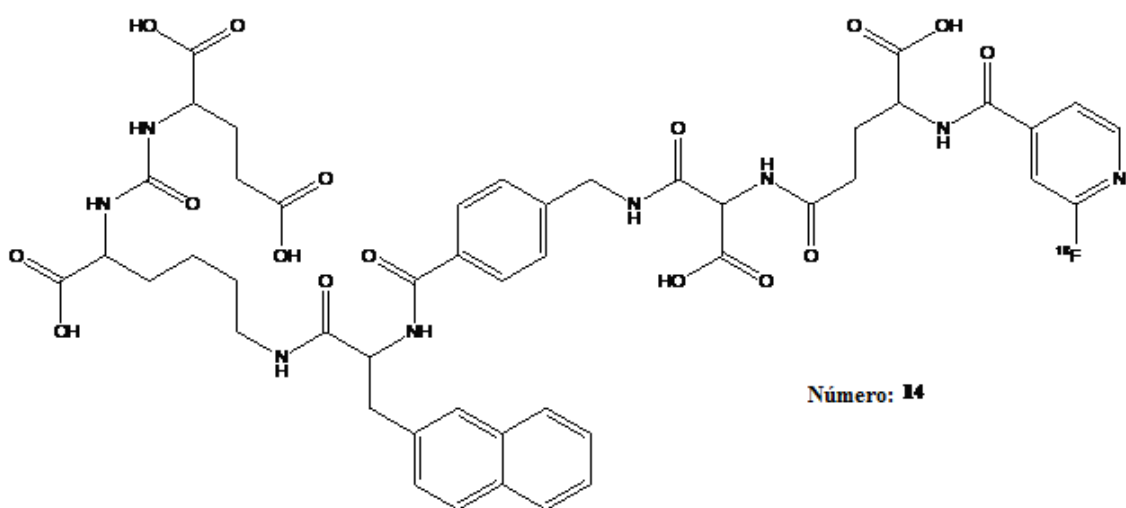
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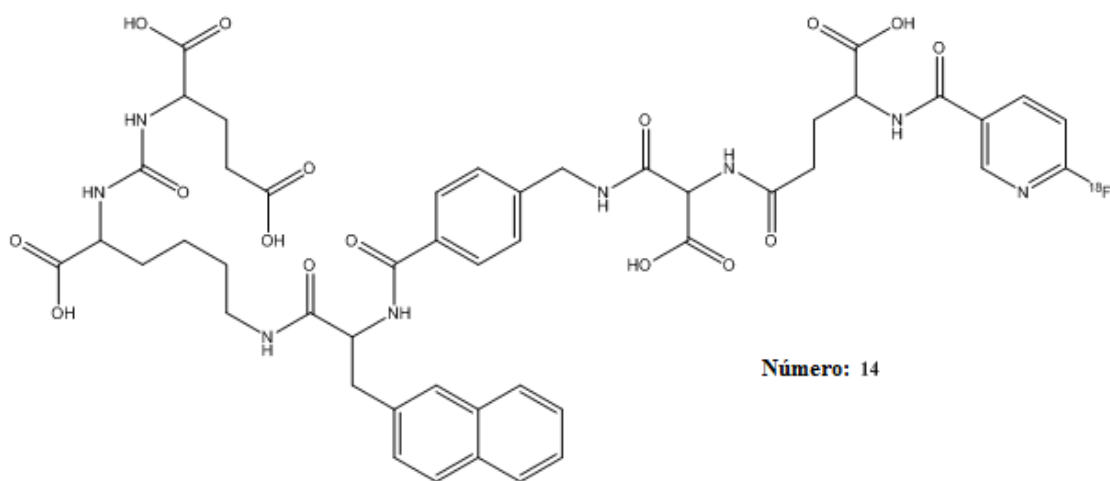


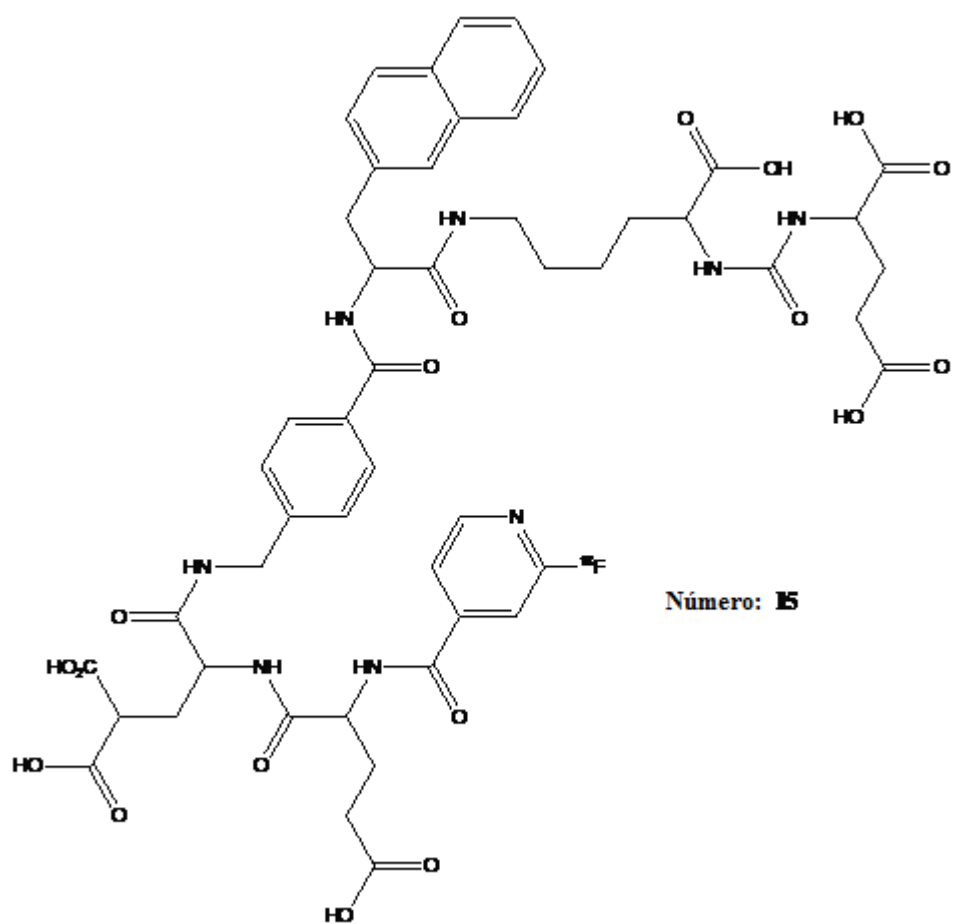
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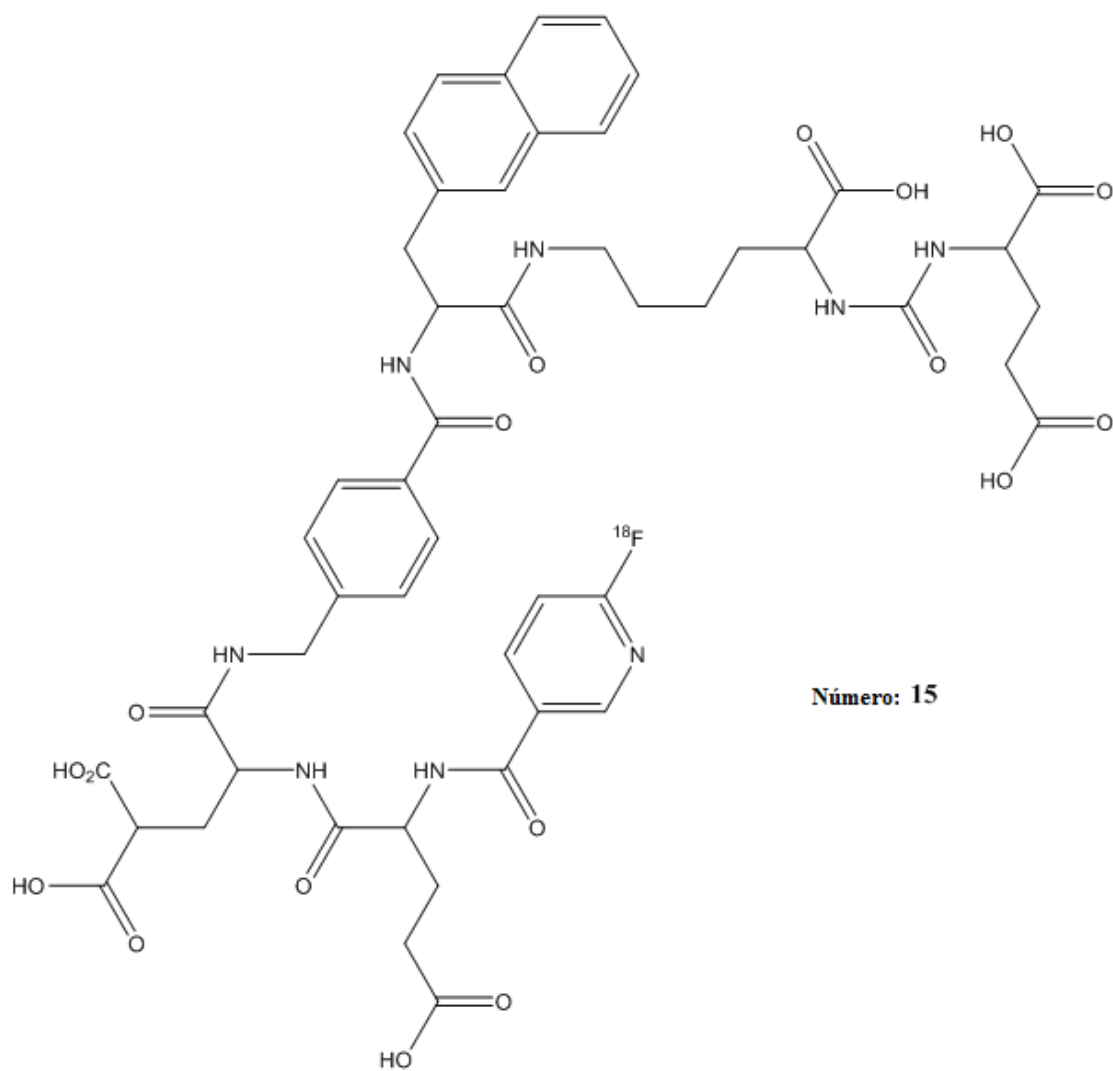


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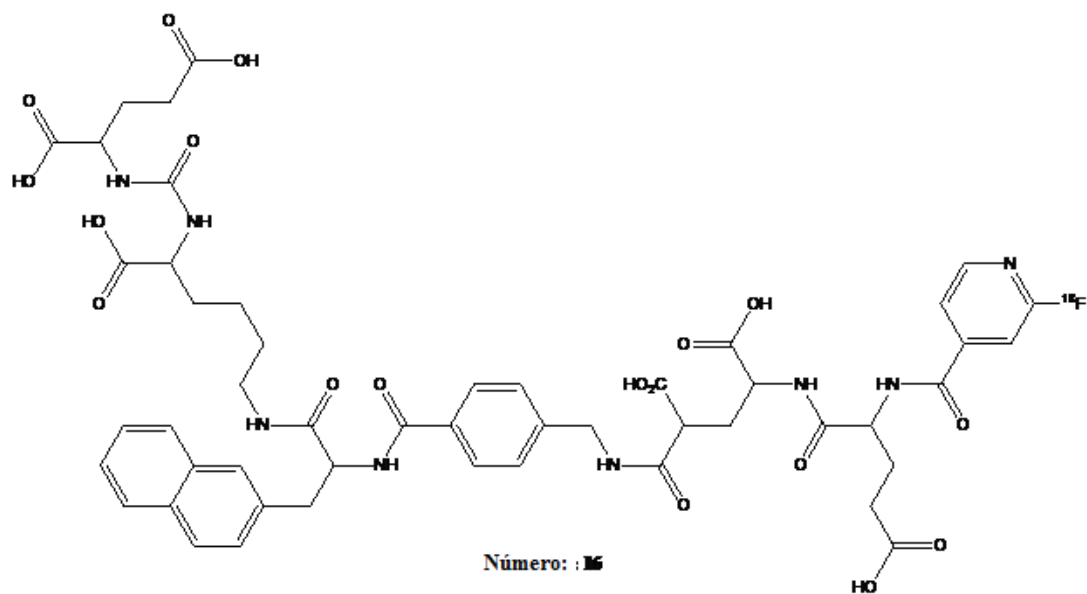




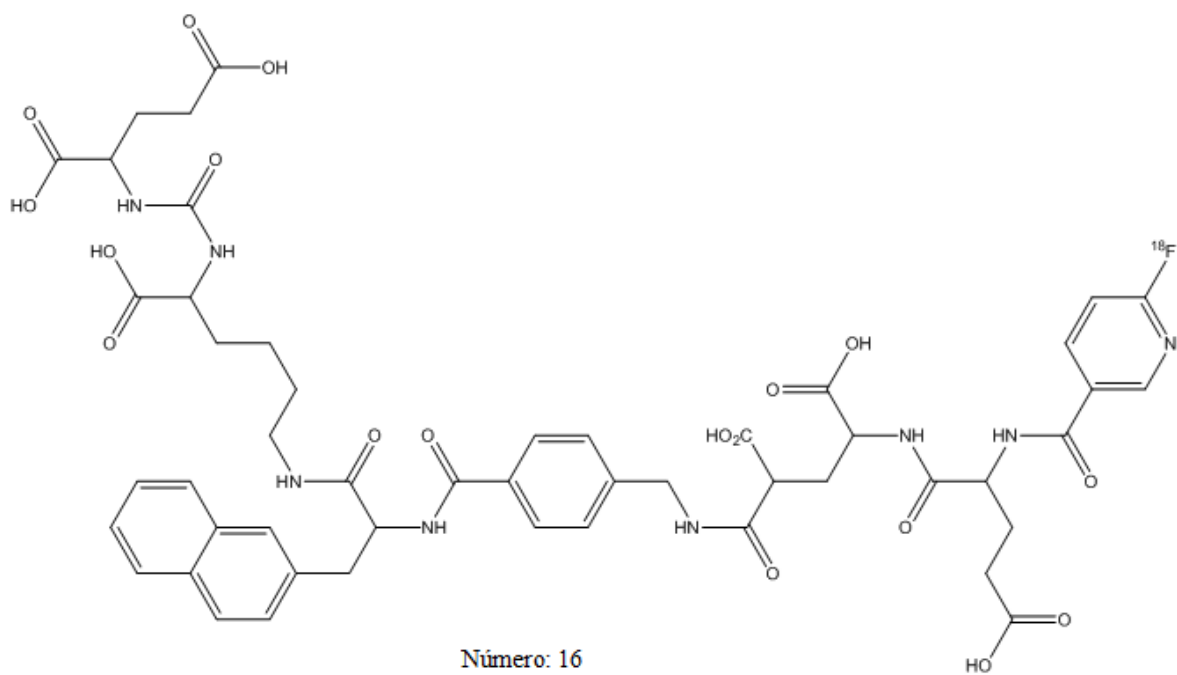
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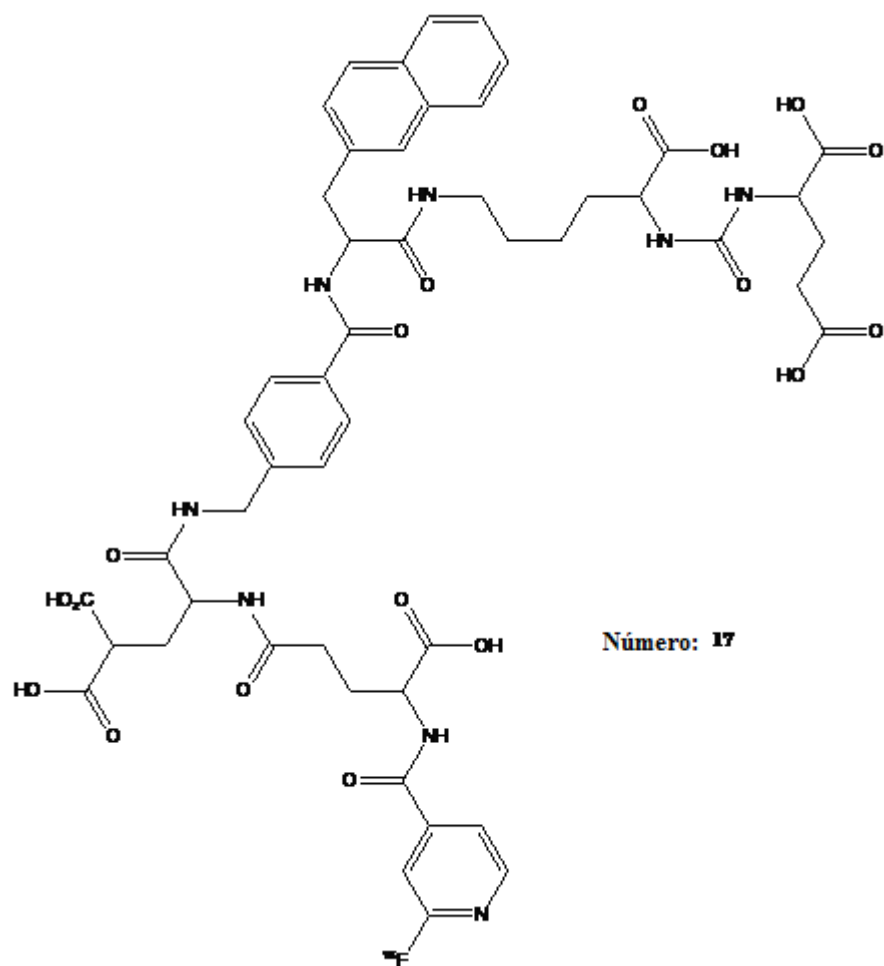


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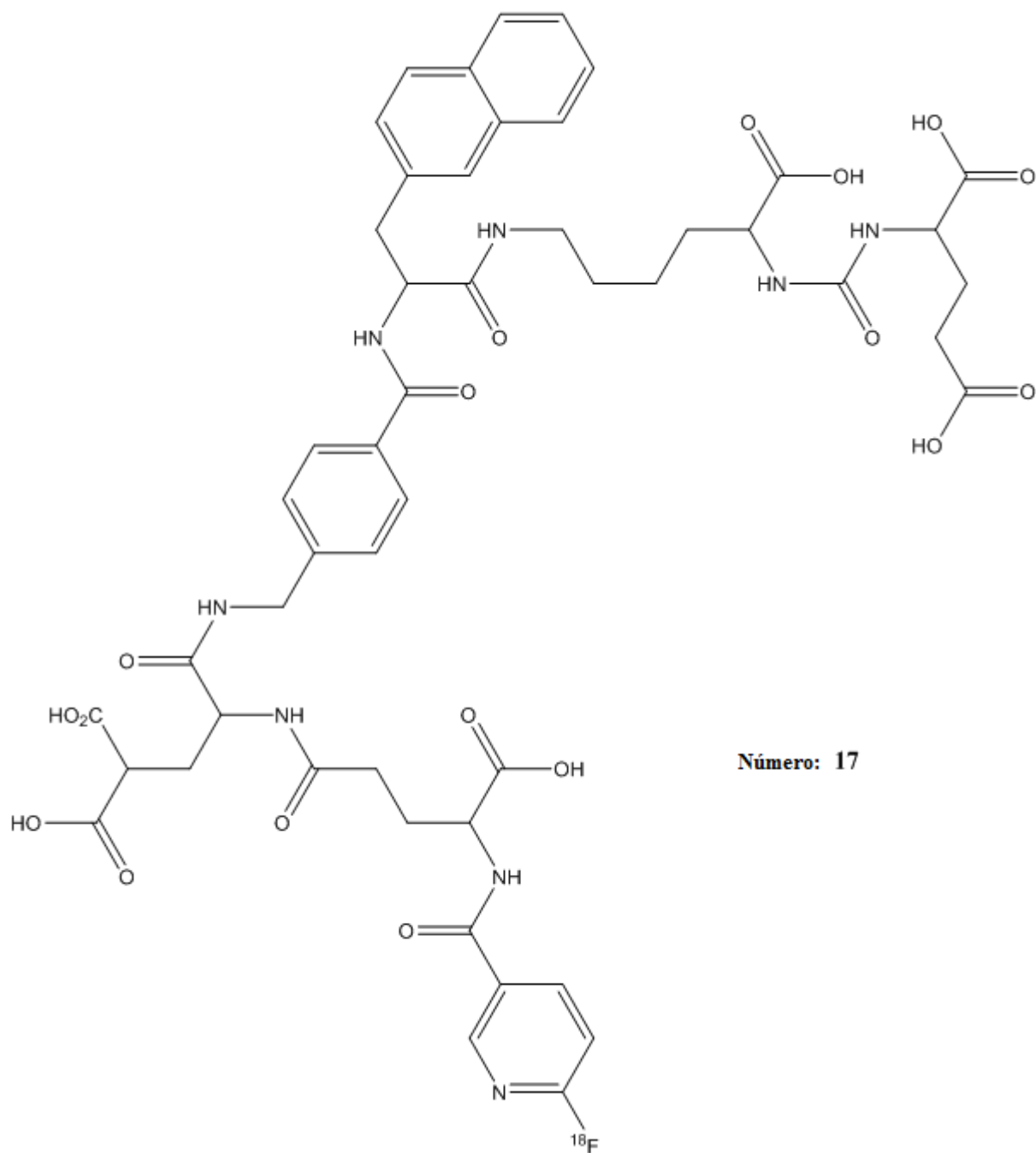


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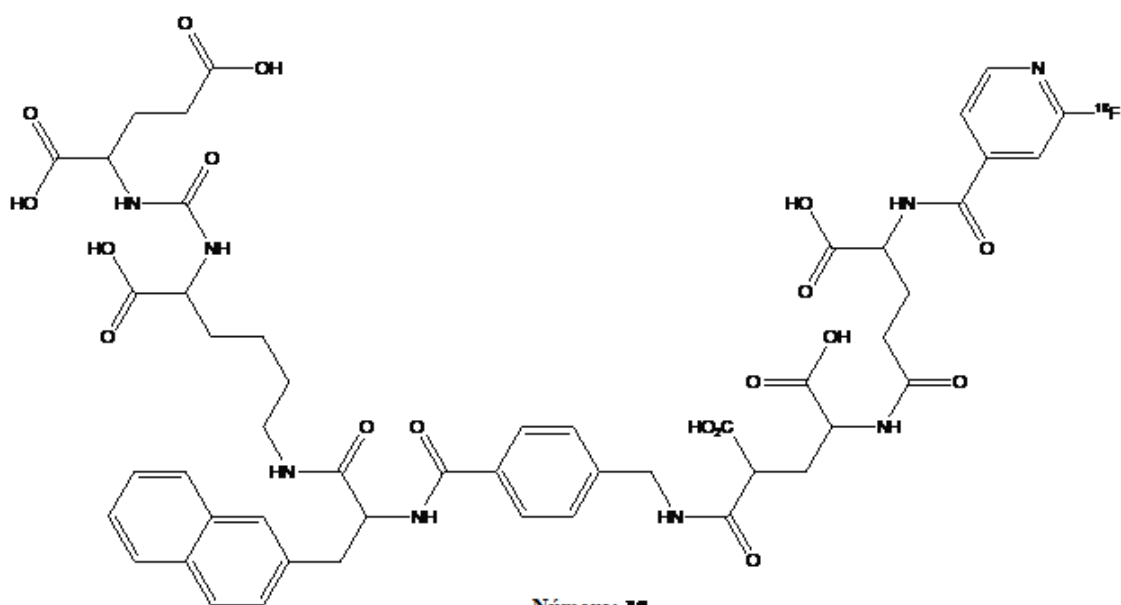




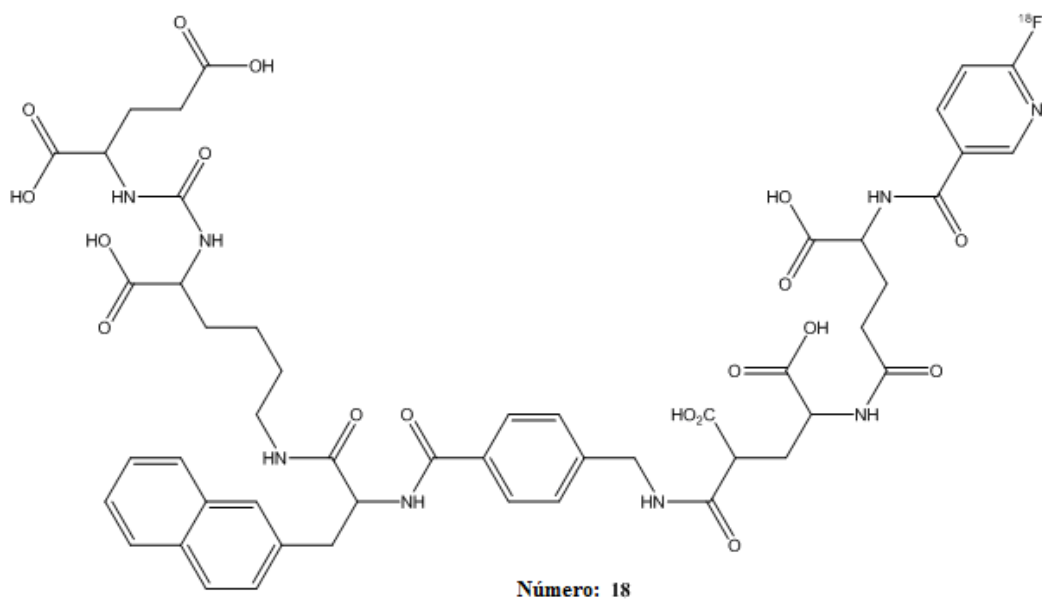
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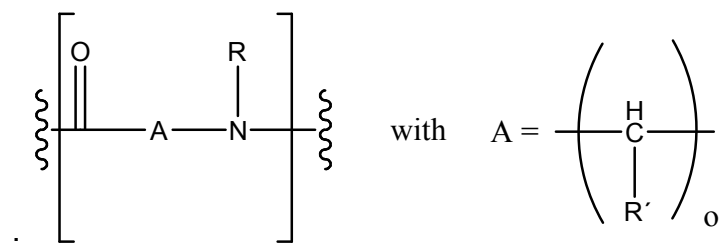
Número: 17



O



4. El compuesto de la reivindicación 1, donde el aminoácido no natural tiene la fórmula



y R' = H, CO₂H, CH₂CO₂H, C₂H₄CO₂H, CH(CO₂H)₂, CH(CH₂CO₂H)₂, CH(CO₂H)(CH₂CO₂H), CH₂CH(CO₂H)₂, SO₃H;

o = 1-3; R = H, CH₃.

5. Una composición farmacéutica que comprende un compuesto de cualquiera de las reivindicaciones 1 a 4, o un profármaco, sal o éster farmacéuticamente aceptable de este, y un portador farmacéuticamente aceptable.