



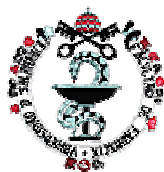
UNIVERSIDAD DE SALAMANCA
FACULTAD DE FARMACIA
DEPARTAMENTO DE QUÍMICA FARMACÉUTICA

**DESARROLLO DE NUEVOS AGENTES
ANTIMITÓTICOS RELACIONADOS CON
COMBRETASTATINAS Y FENSTATINAS**

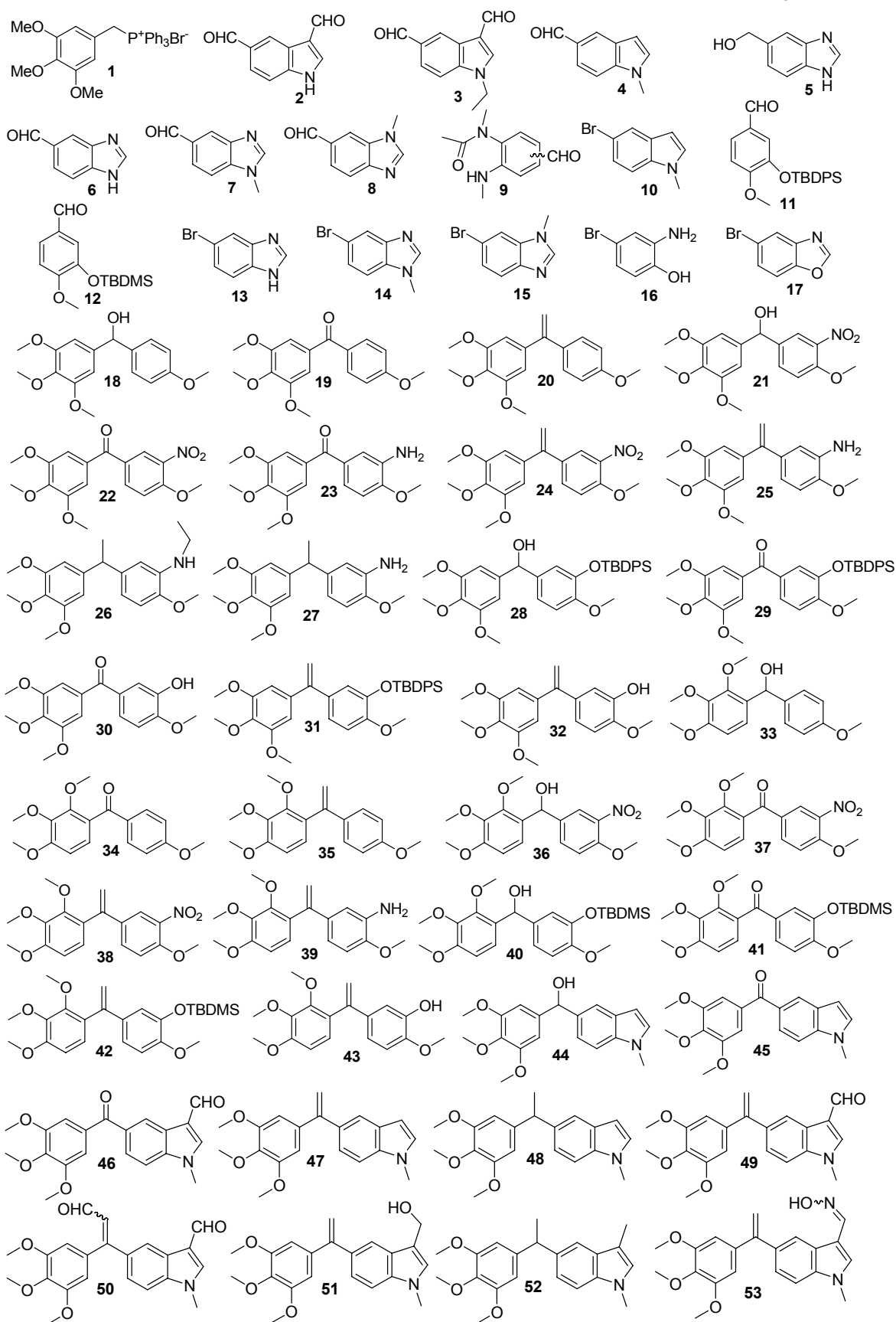
TESIS DOCTORAL. Anexo de compuestos y conformaciones.

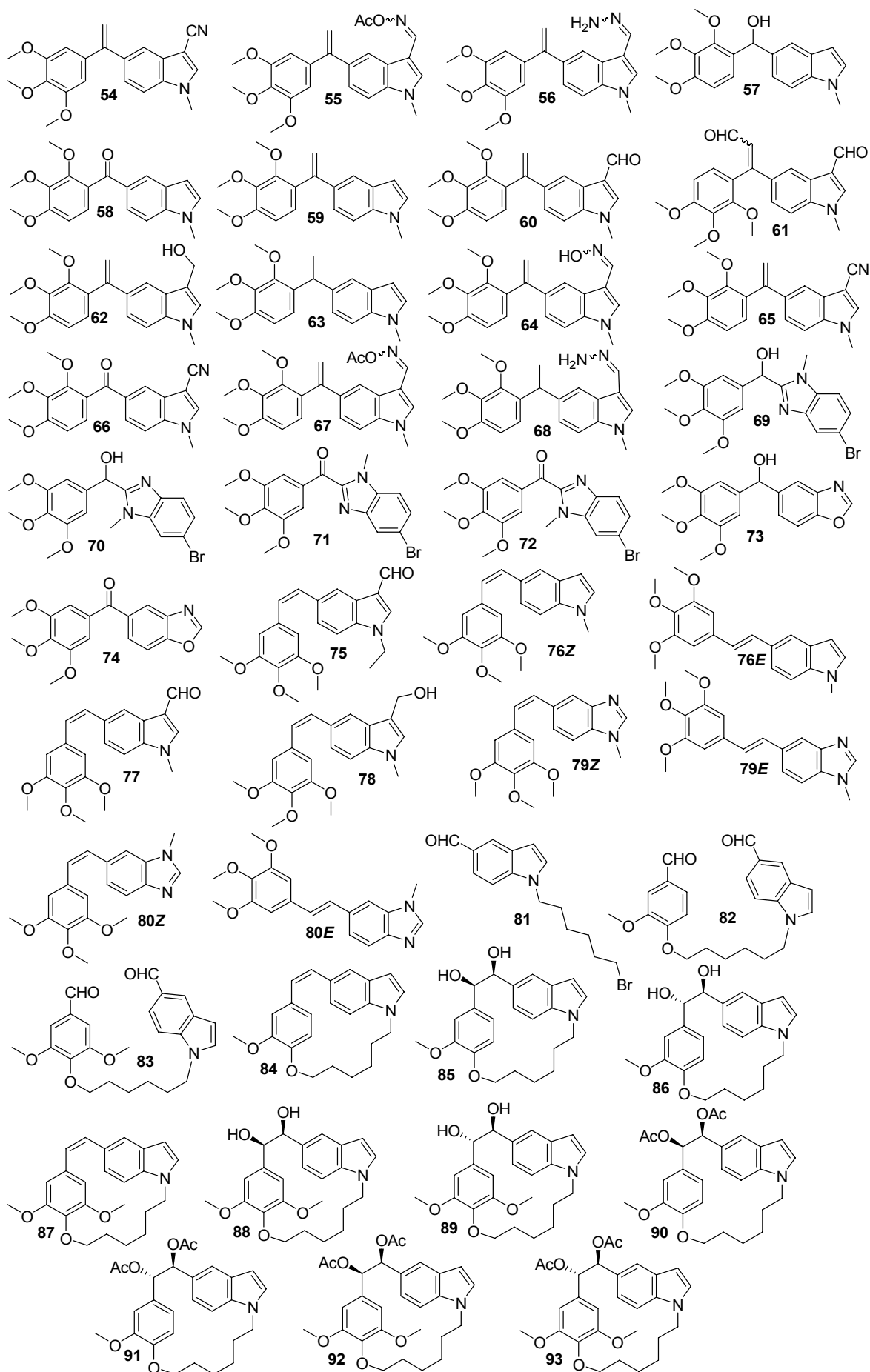
RAQUEL ÁLVAREZ LOZANO

Junio 2009

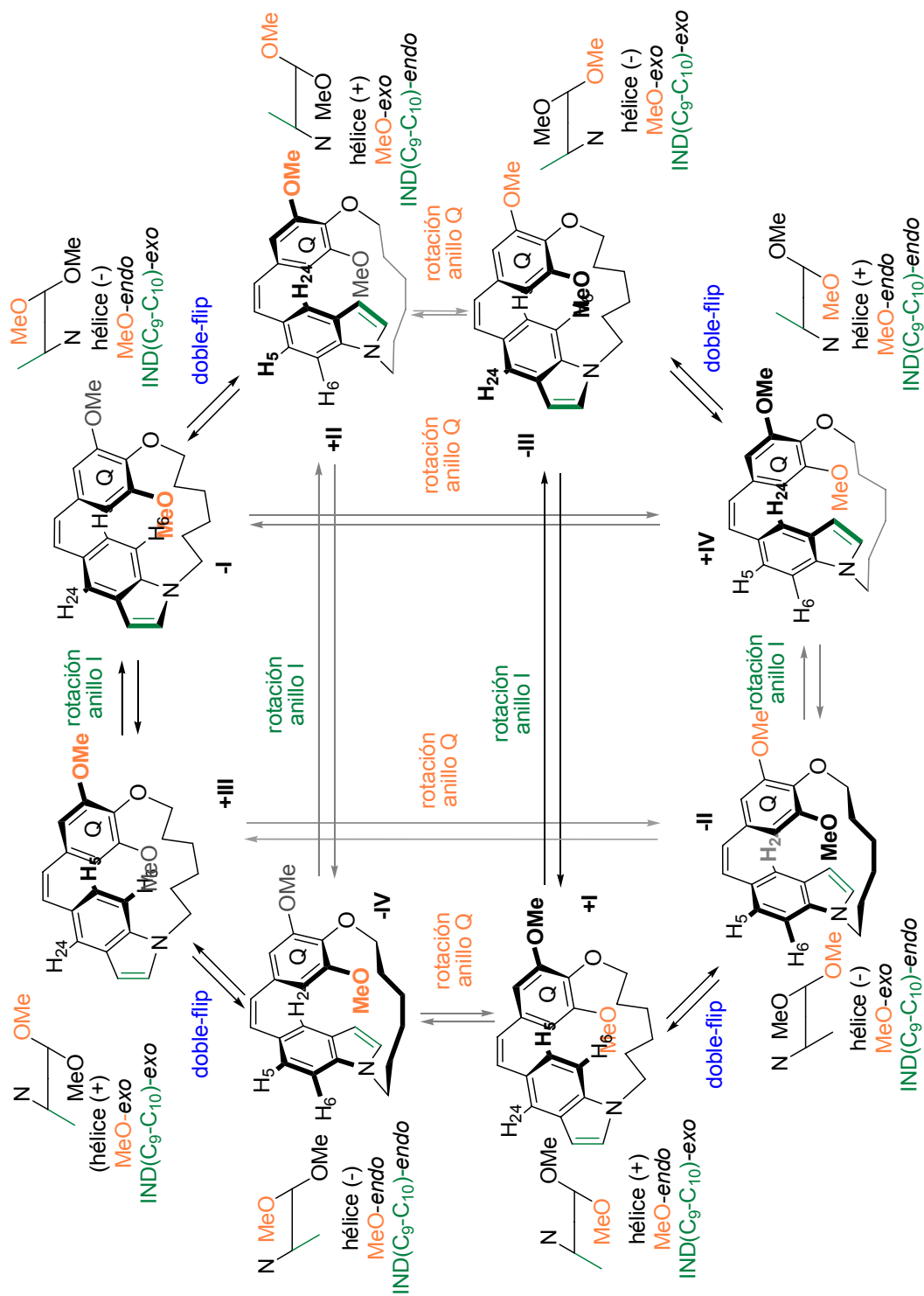


COMPUESTOS SINTETIZADOS EN ESTE TRABAJO.

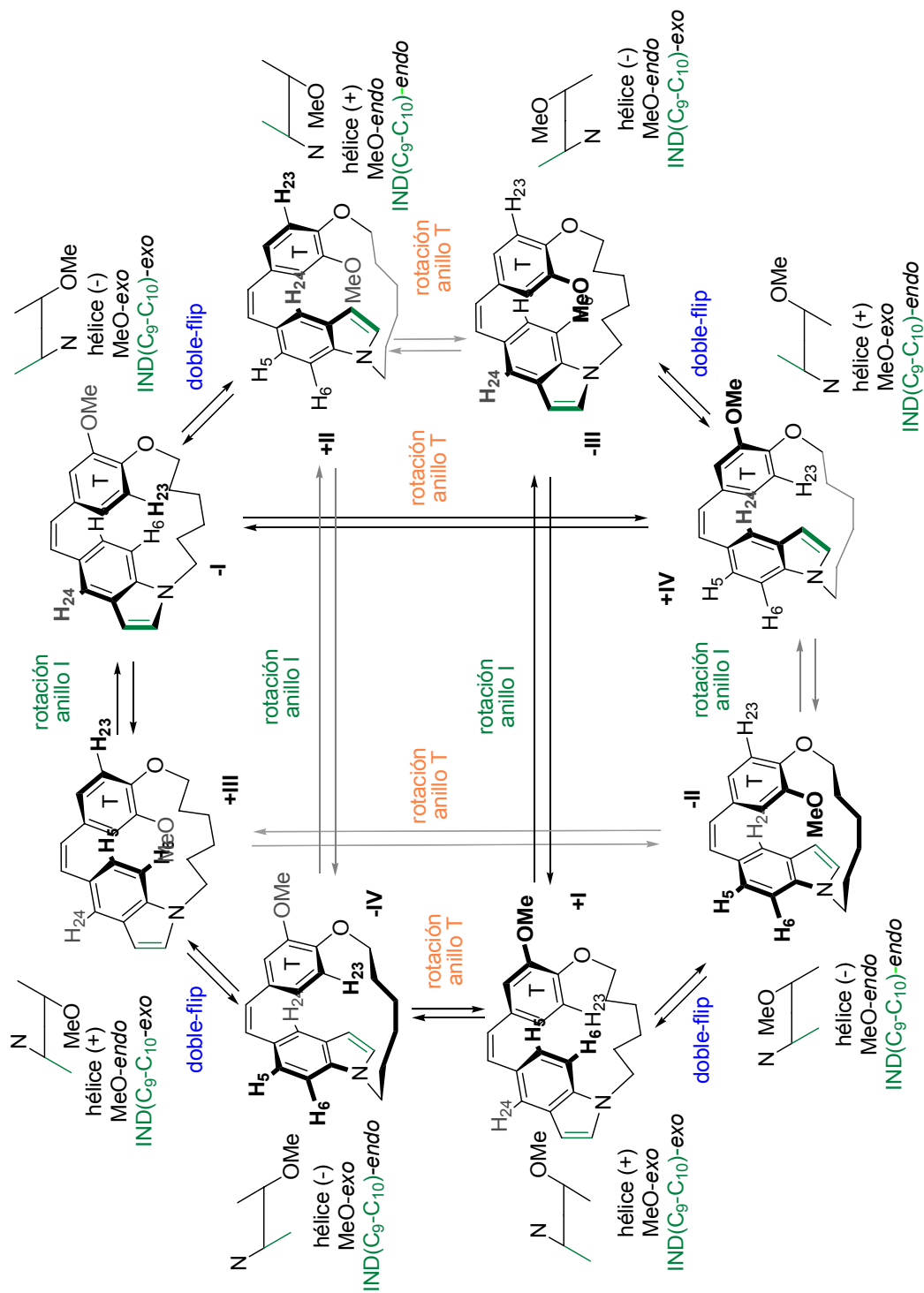




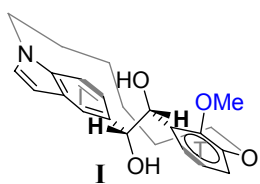
EQUILIBRIO CONFORMACIONAL DE LA OLEFINA 87.



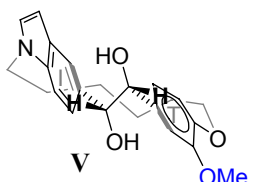
EQUILIBRIO CONFORMACIONAL DE LA OLEFINA 84



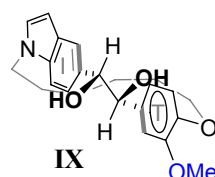
CONFORMACIONES POSIBLES DEL DIOL TRANS 86



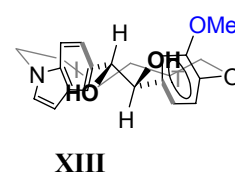
SC:(-); OH-OH: *anti*
 helicidad : (-)
 Indol(C9-C10): *endo*
 OMe- : *endo*



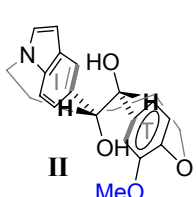
SC:(-); OH-OH: *anti*
 helicidad : (-)
 Indol(C9-C10): *exo*
 OMe- : *exo*



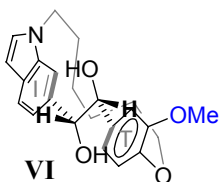
SC:(+); OH-OH: *gauche*
 helicidad : (-)
 Indol(C9-C10): *endo*
 OMe- : *endo*



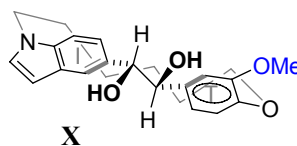
SC:(+); OH-OH: *gauche*
 helicidad : (-)
 Indol(C9-C10): *exo*
 OMe- : *exo*



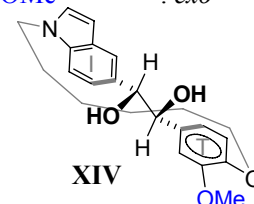
SC:(-); OH-OH: *anti*
 helicidad : (+)
 Indol(C9-C10): *exo*
 OMe- : *exo*



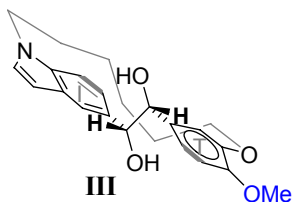
SC:(-); OH-OH: *anti*
 helicidad : (+)
 Indol(C9-C10): *endo*
 OMe- : *endo*



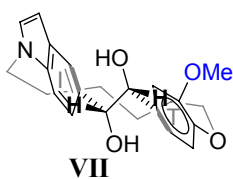
SC:(+); OH-OH: *gauche*
 helicidad : (+)
 Indol(C9-C10): *exo*
 OMe- : *exo*



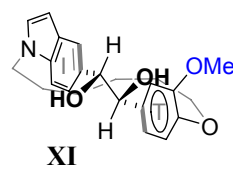
SC:(+); OH-OH: *gauche*
 helicidad : (+)
 Indol(C9-C10): *endo*
 OMe- : *endo*



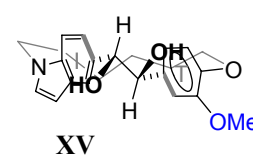
SC:(-); OH-OH: *anti*
 helicidad : (-)
 Indol(C9-C10): *endo*
 OMe- : *exo*



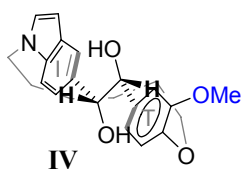
SC:(-); OH-OH: *anti*
 helicidad : (-)
 Indol(C9-C10): *exo*
 OMe- : *endo*



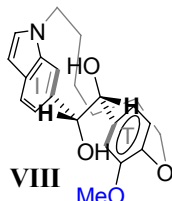
SC:(+); OH-OH: *gauche*
 helicidad : (-)
 Indol(C9-C10): *endo*
 OMe- : *exo*



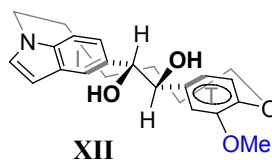
SC:(+); OH-OH: *gauche*
 helicidad : (-)
 Indol(C9-C10): *exo*
 OMe- : *endo*



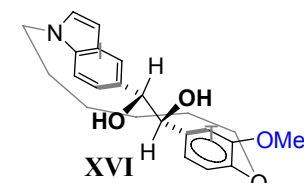
SC:(-); OH-OH: *anti*
 helicidad : (+)
 Indol(C9-C10): *exo*
 OMe- : *endo*



SC:(-); OH-OH: *anti*
 helicidad : (+)
 Indol(C9-C10): *endo*
 OMe- : *exo*

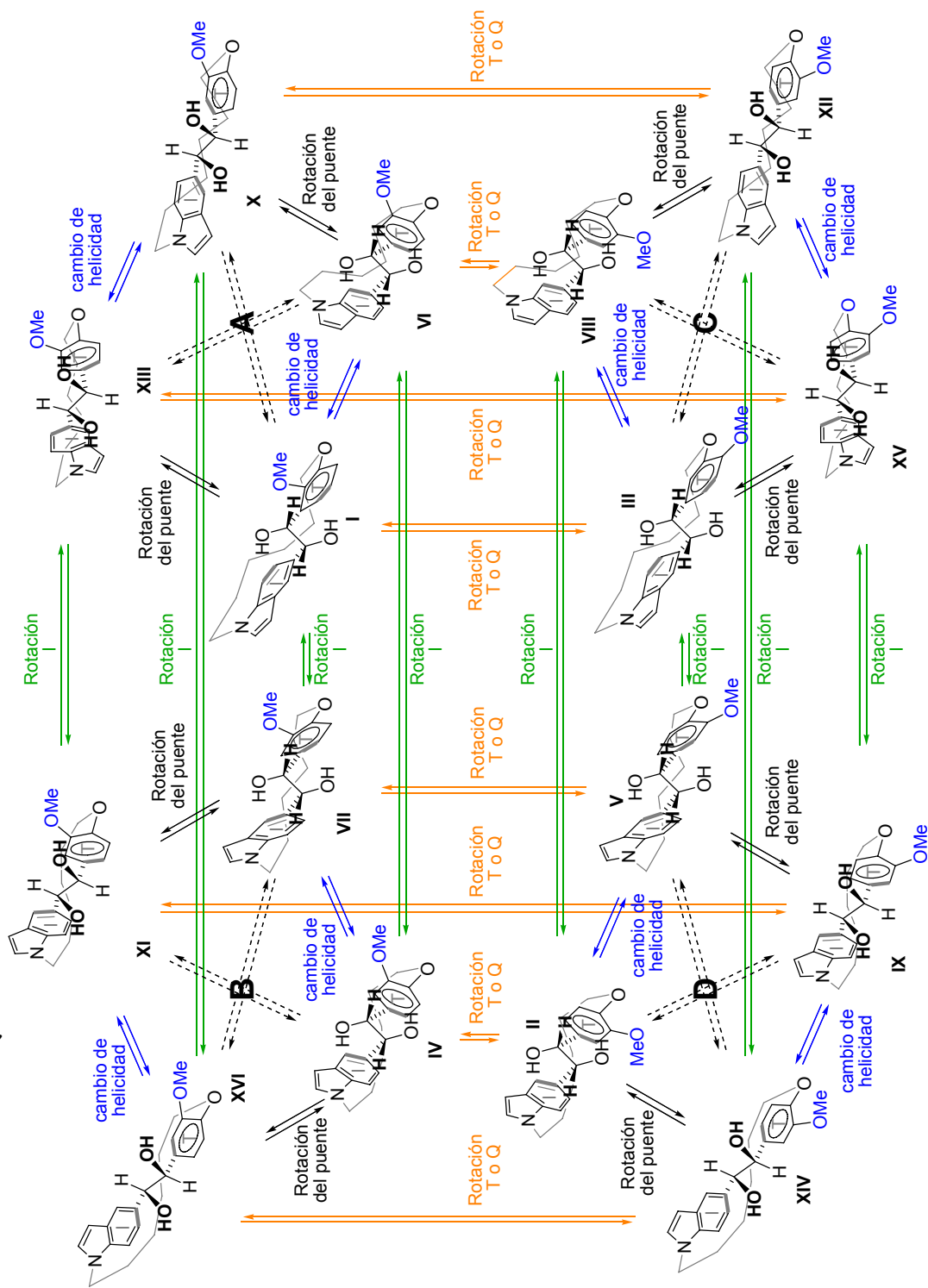


SC:(+); OH-OH: *gauche*
 helicidad : (+)
 Indol(C9-C10): *exo*
 OMe- : *endo*

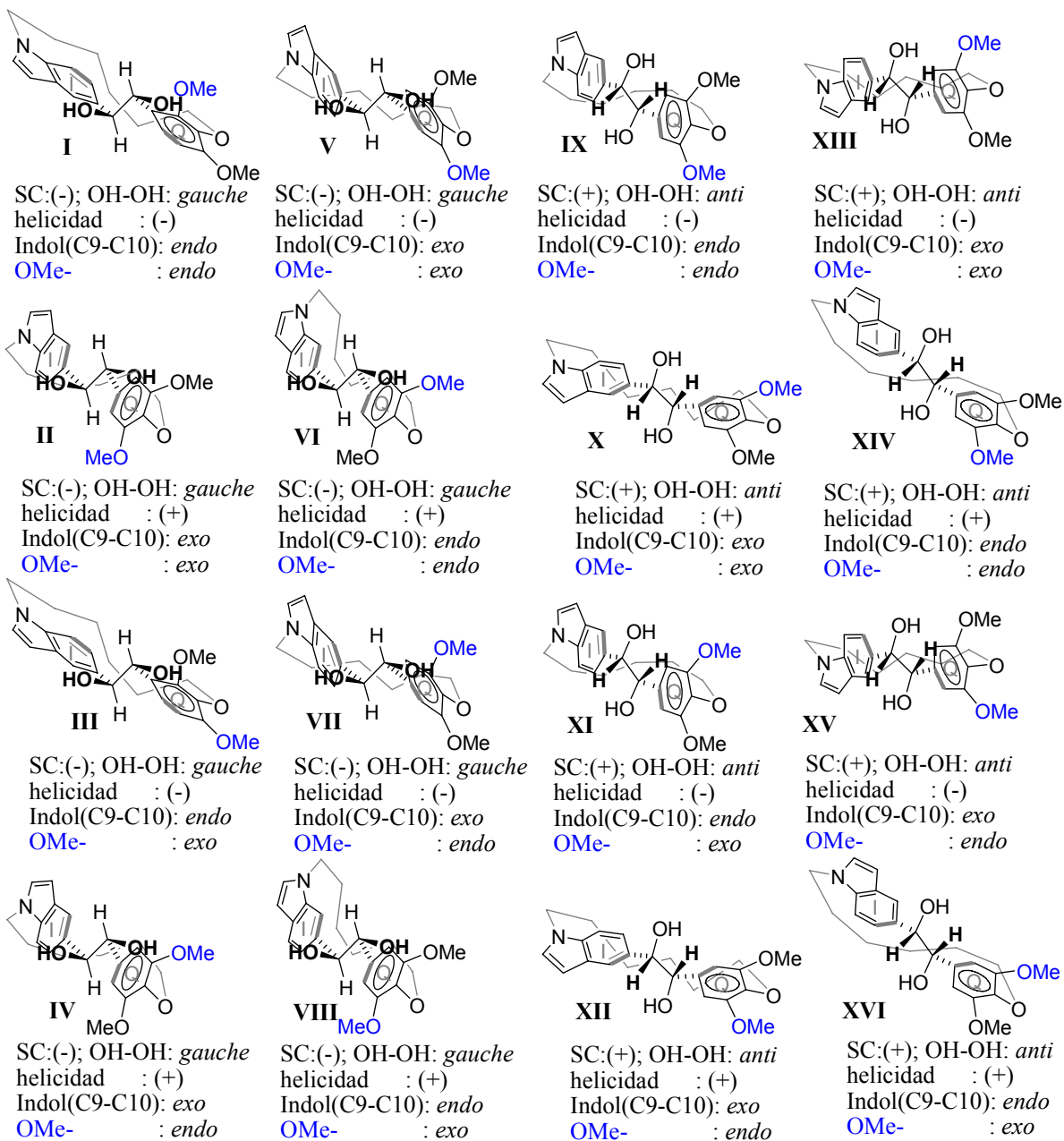


SC:(+); OH-OH: *gauche*
 helicidad : (+)
 Indol(C9-C10): *endo*
 OMe- : *exo*

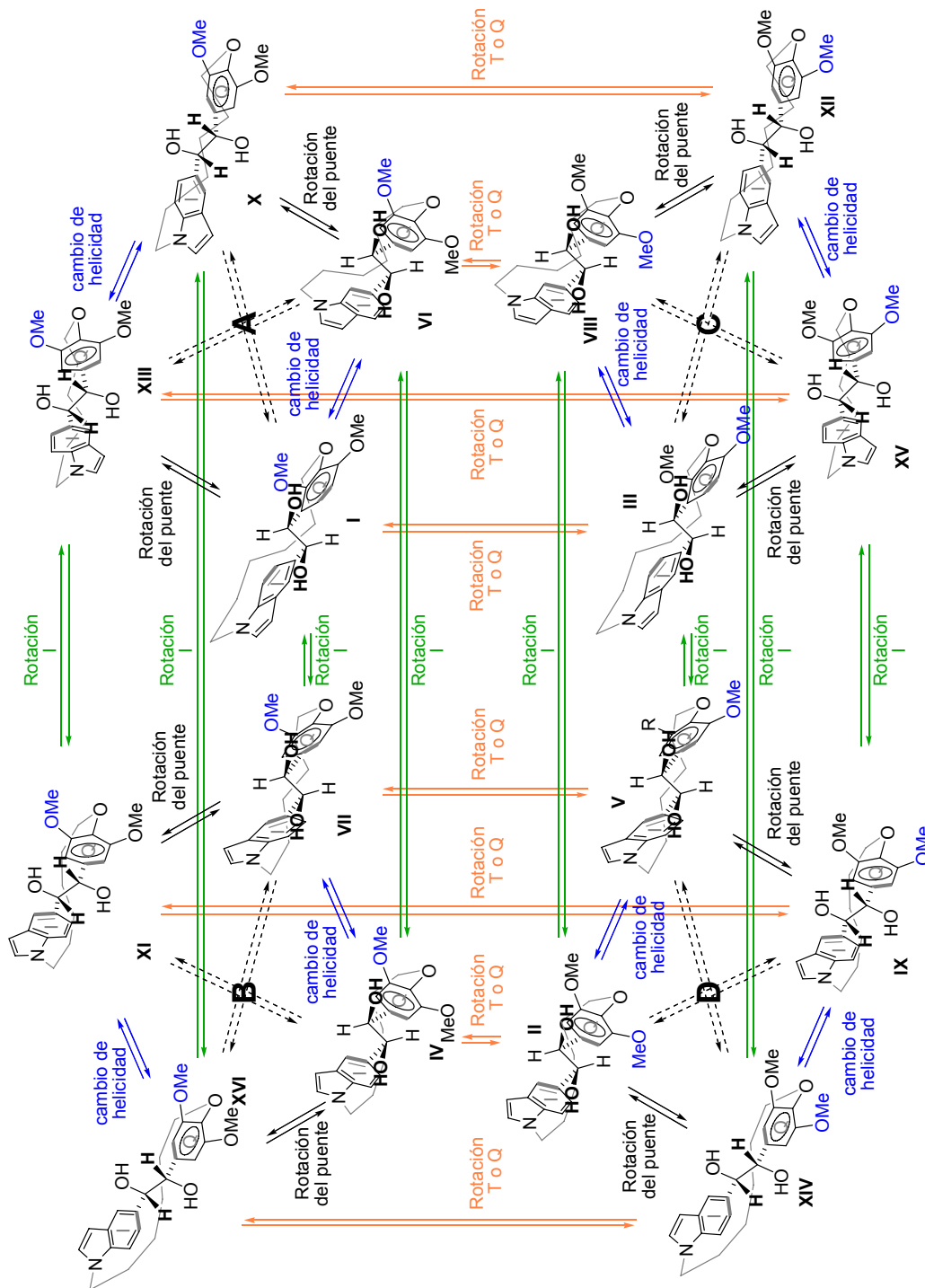
EQUILIBRIO CONFORMACIONAL DEL DIOL TRANS 86



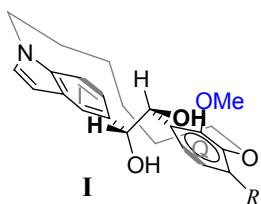
CONFORMACIONES POSIBLES DEL DIOL TRANS 89



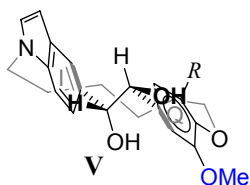
EQUILIBRIO CONFORMACIONAL DEL DIOL TRANS 89.



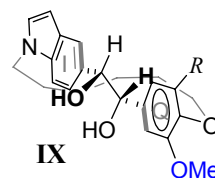
CONFORMACIONES POSIBLES DE LOS DIOLES CIS 85 Y 88 (85 R= H; 88 R= OMe)



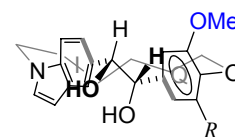
SC:(-); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *endo*
OMe- : *endo*



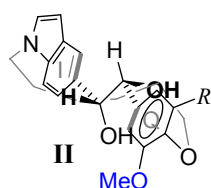
SC:(-); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *exo*
OMe- : *exo*



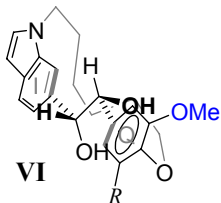
SC:(+); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *endo*
OMe- : *endo*



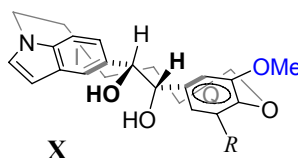
SC:(+); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *exo*
OMe- : *exo*



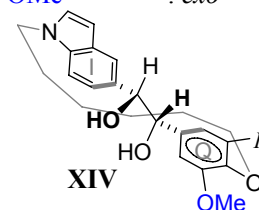
SC:(-); OH-OH: *gauche*
helicidad : (+)
Indol(C9-C10): *exo*
OMe- : *exo*



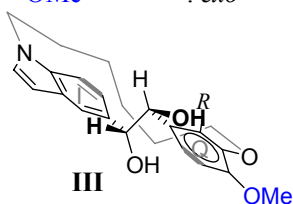
SC:(-); OH-OH: *gauche*
helicidad : (+)
Indo(C9-C10): *endo*
OMe- : *endo*



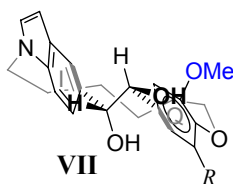
SC:(+); OH-OH: *gauche*
helicidad : (+)
Indol(C9-C10): *exo*
OMe- : *exo*



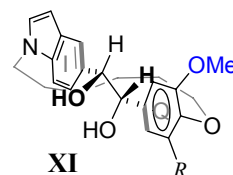
SC:(+); OH-OH: *gauche*
helicidad : (+)
Indol(C9-C10): *endo*
OMe- : *endo*



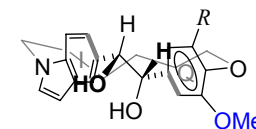
SC:(-); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *endo*
OMe- : *exo*



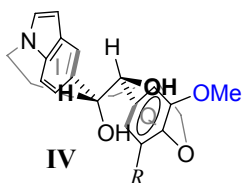
SC:(-); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *exo*
OMe- : *endo*



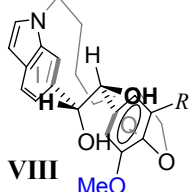
SC:(+); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *endo*
OMe- : *exo*



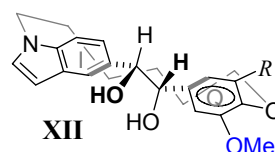
SC:(+); OH-OH: *gauche*
helicidad : (-)
Indol(C9-C10): *exo*
OMe- : *endo*



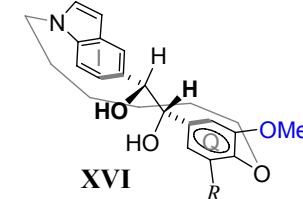
SC:(-); OH-OH: *gauche*
helicidad : (+)
Indol(C9-C10): *exo*
OMe- : *endo*



SC:(-); OH-OH: *gauche*
helicidad : (+)
Indol(C9-C10): *endo*
OMe- : *exo*



SC:(+); OH-OH: *gauche*
helicidad : (+)
Indol(C9-C10): *exo*
OMe- : *endo*



SC:(+); OH-OH: *gauche*
helicidad : (+)
Indol(C9-C10): *endo*
OMe- : *exo*

EQUILIBRIO CONFORMACIONAL DE LOS DIOLES CIS 85 Y 88.
(85 R= H; 88 R= OMe)

