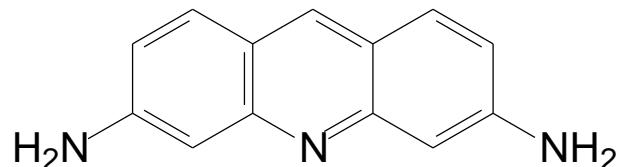
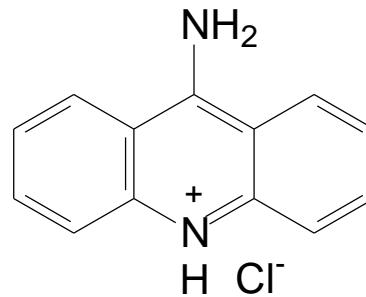


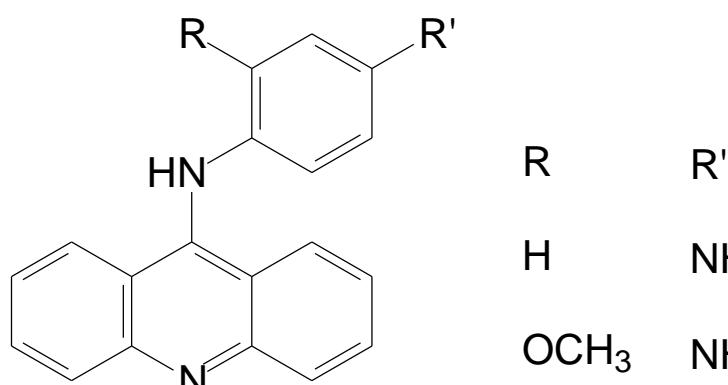
ΠΑΡΑΓΟΝΤΕΣ ΕΝΔΟΠΑΡΕΜΒΟΛΗΣ



proflavine

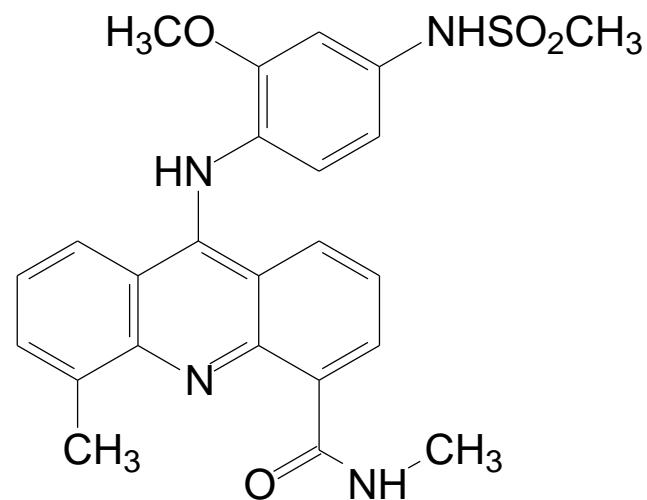


aminacrine

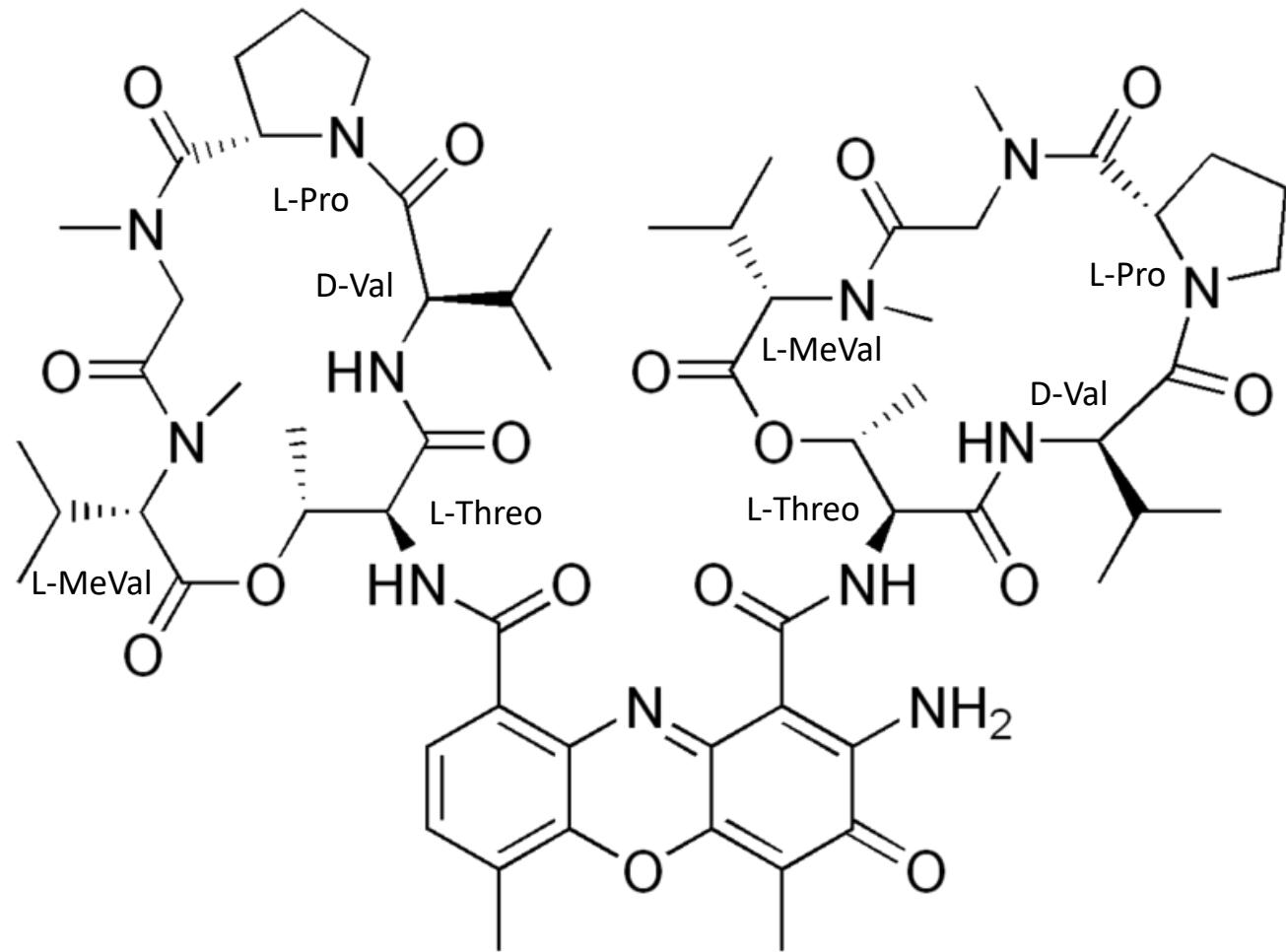


R R'
H NHSO_2CH_3
 OCH_3 NHSO_2CH_3

amsacrine

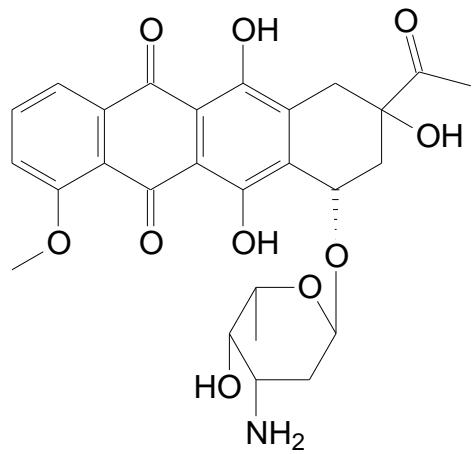


actinomycins

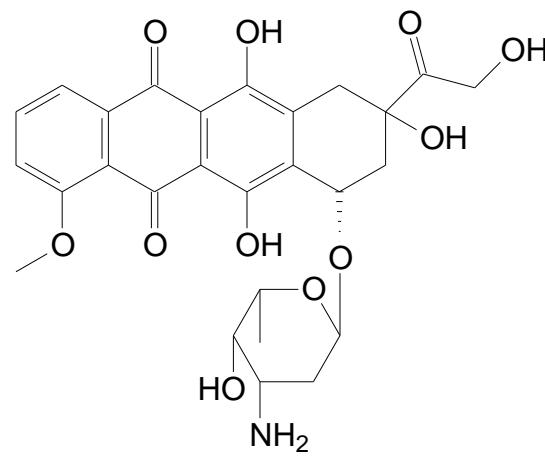


actinomycin D (dactinomycin)

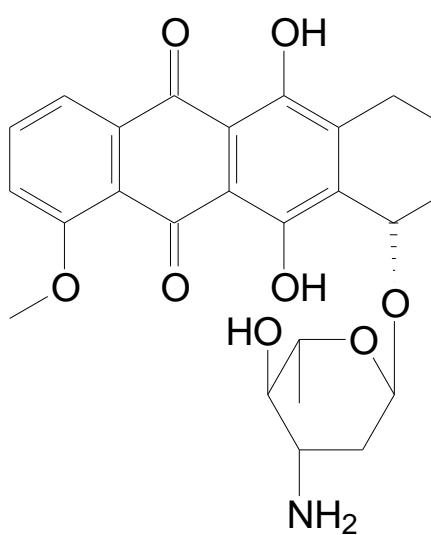
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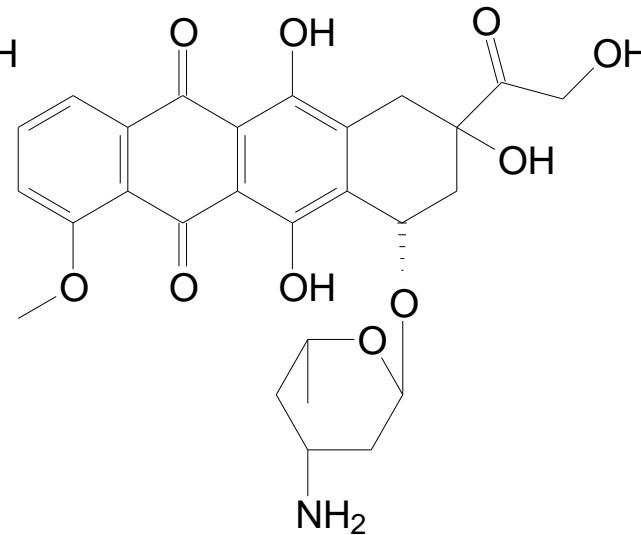
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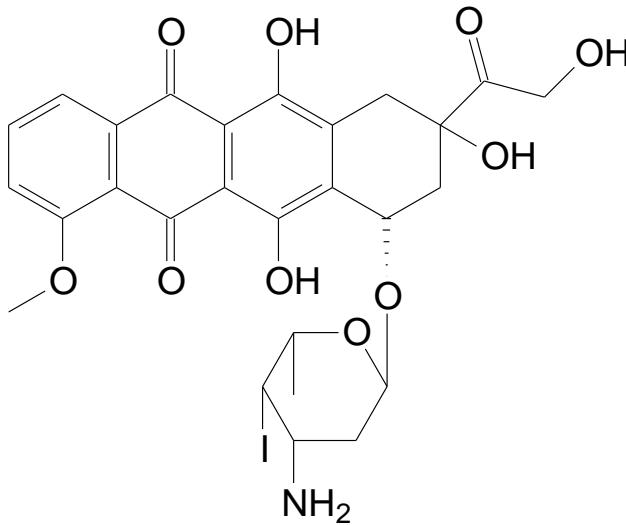
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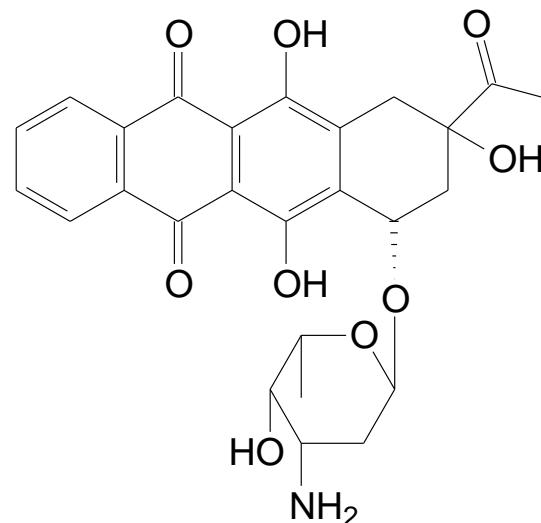
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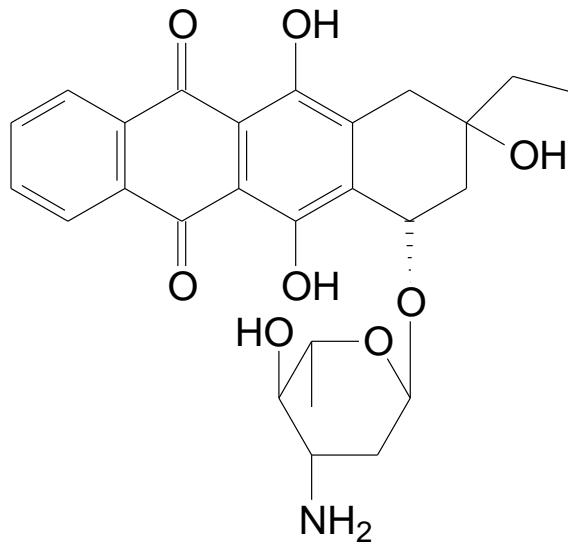
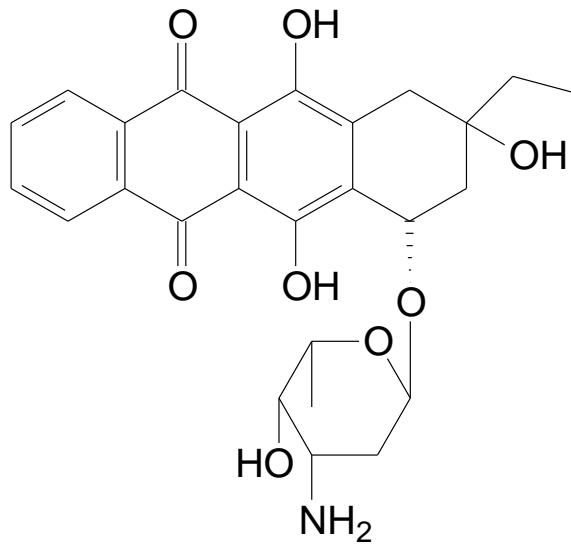
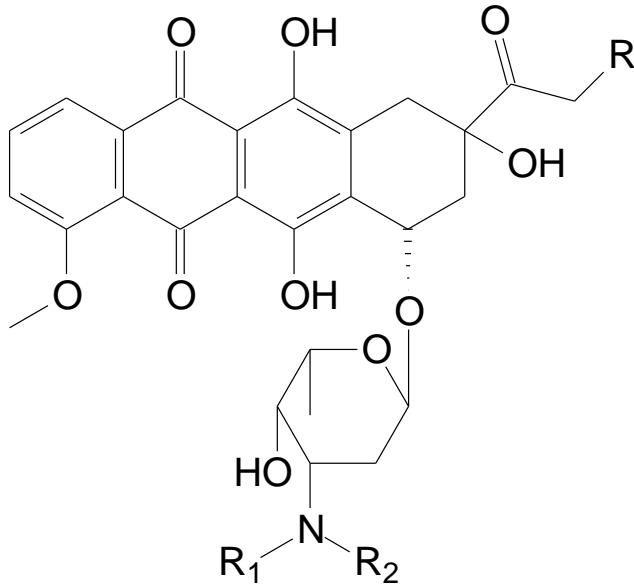
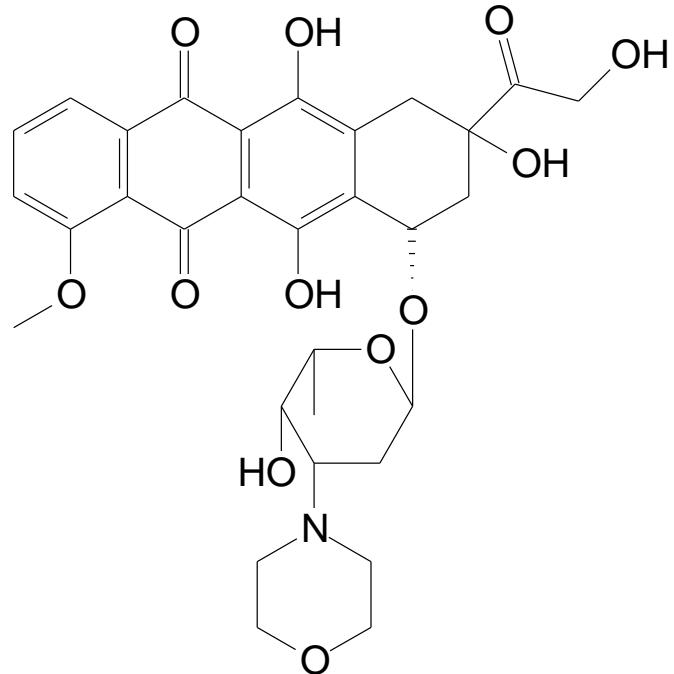
esorubicin



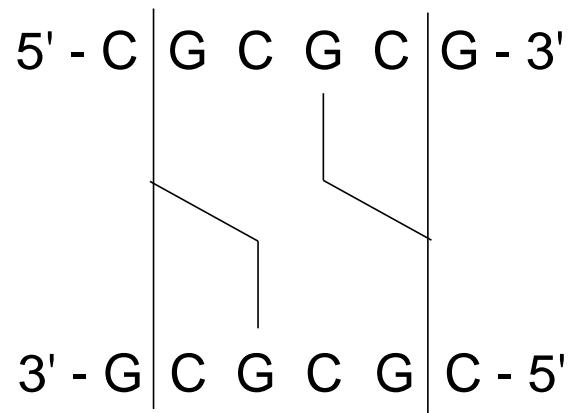
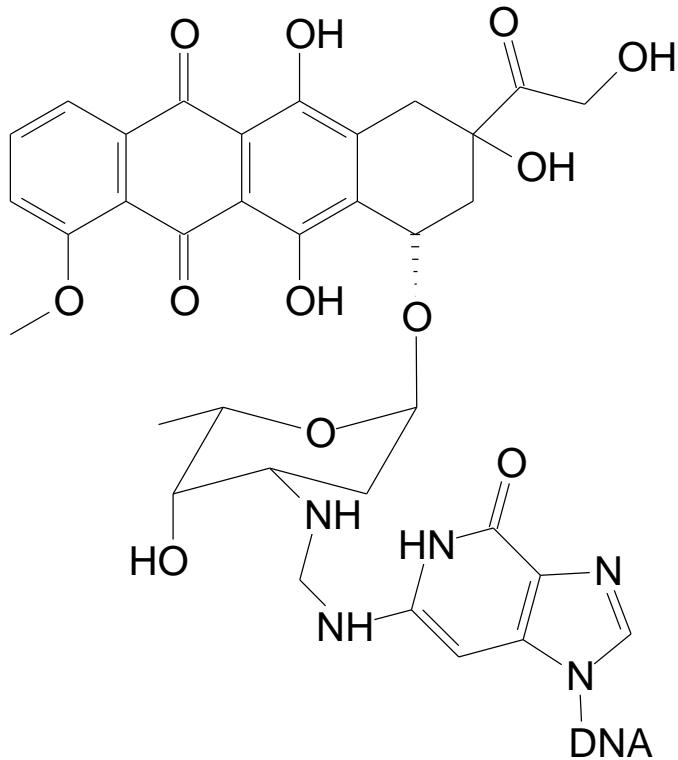
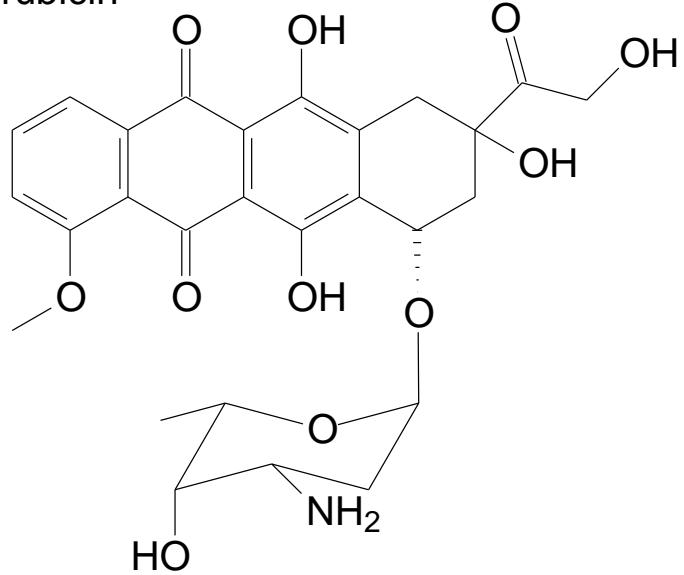
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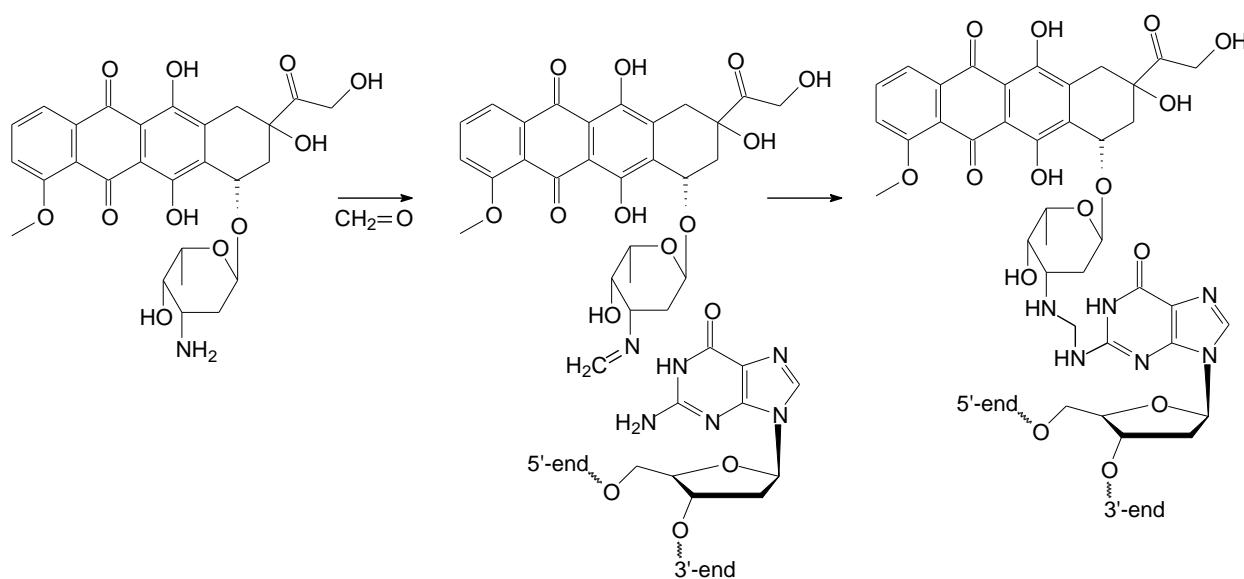
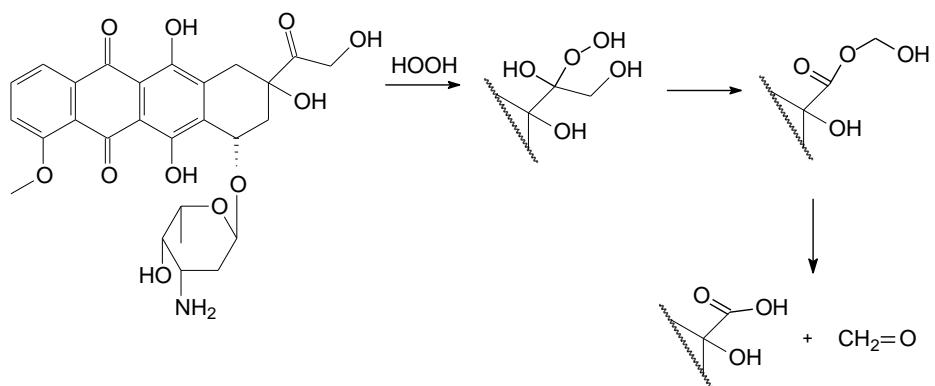


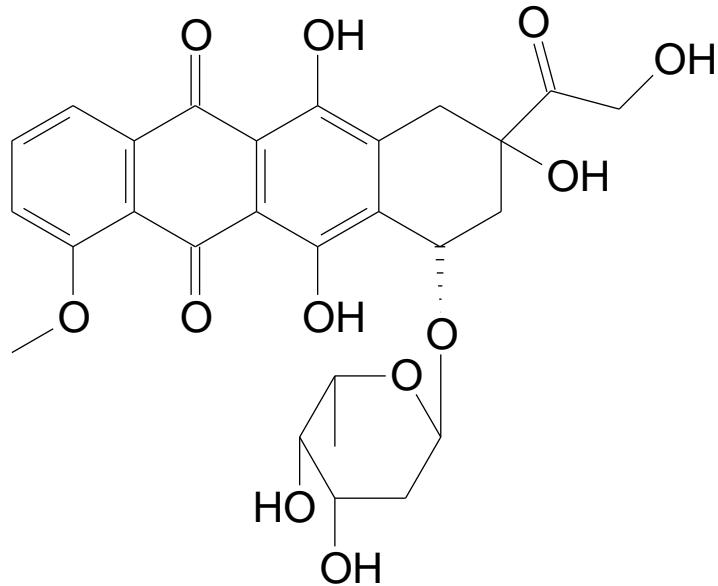
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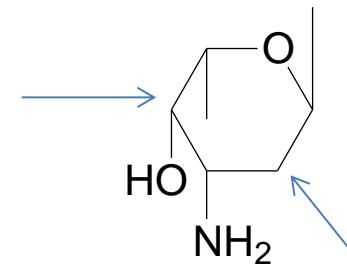
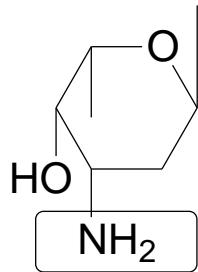
doxorubicin



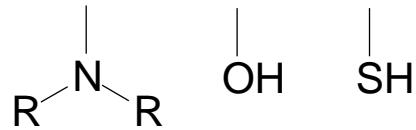


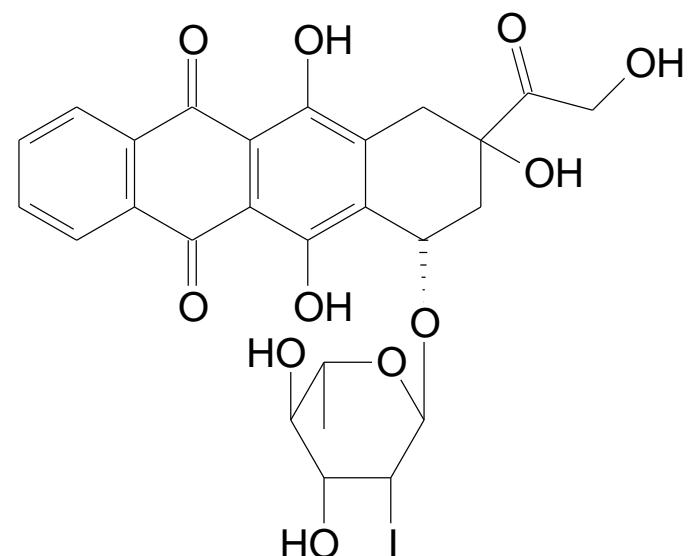
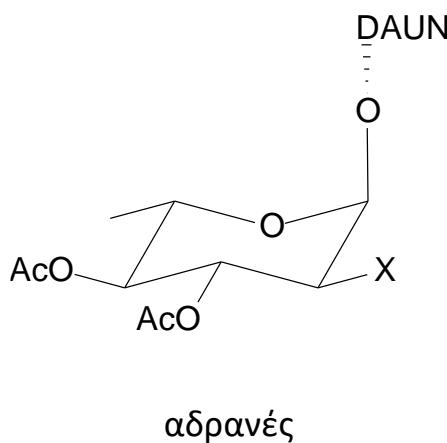
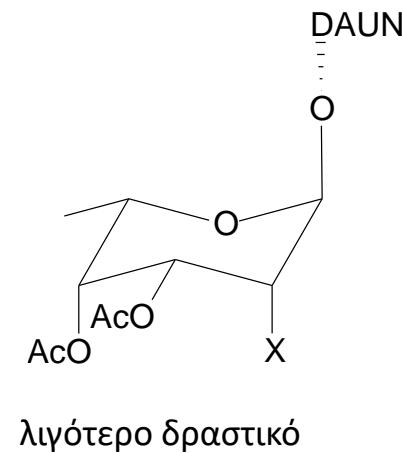
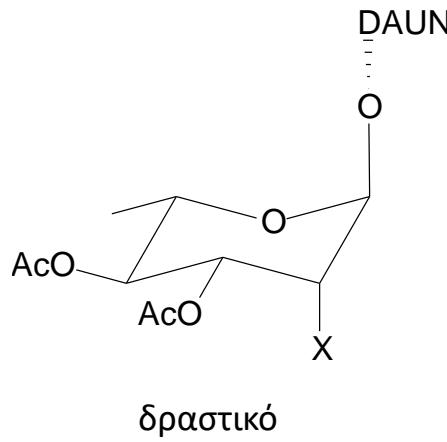


hydroxyrubicin

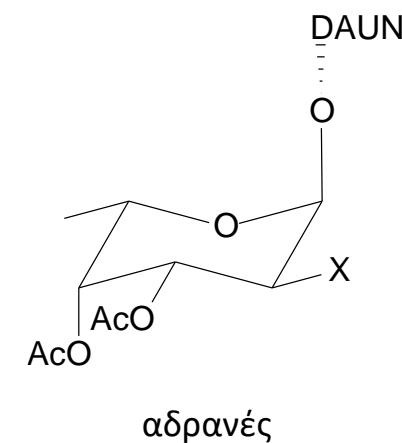


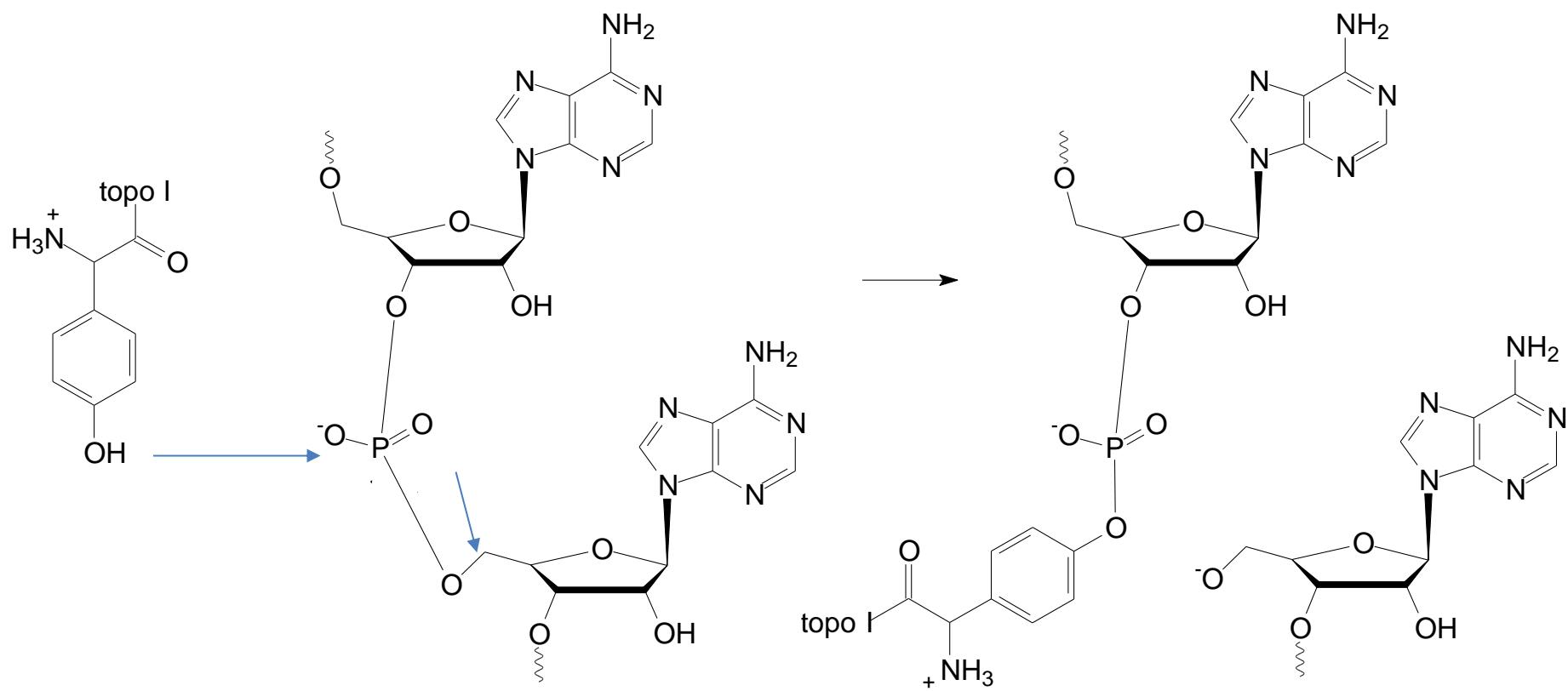
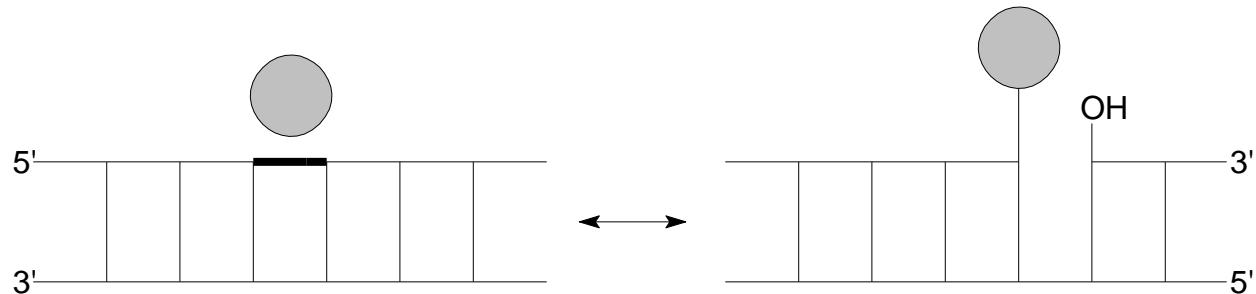
I, Br, Cl, F, OH

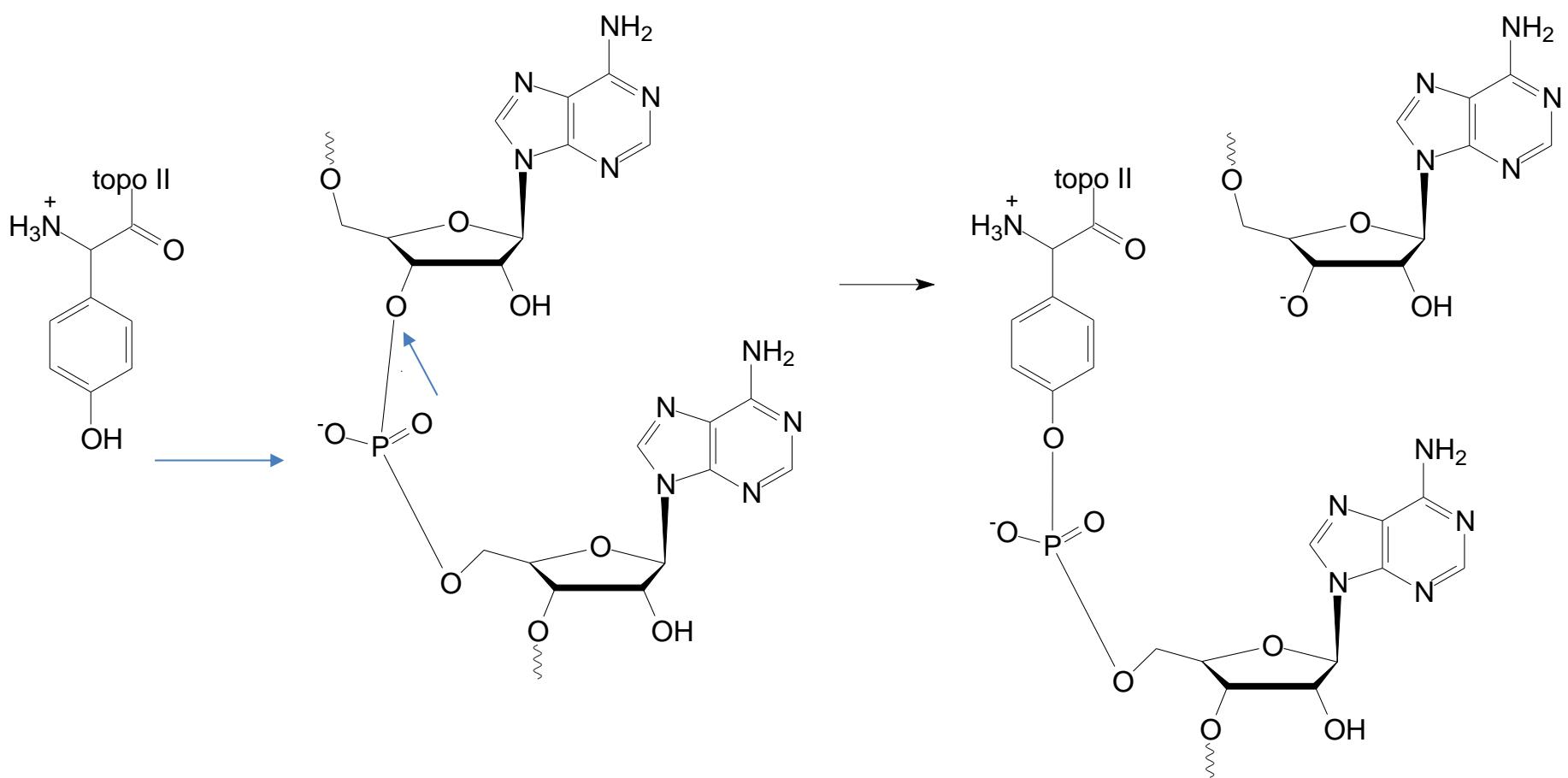
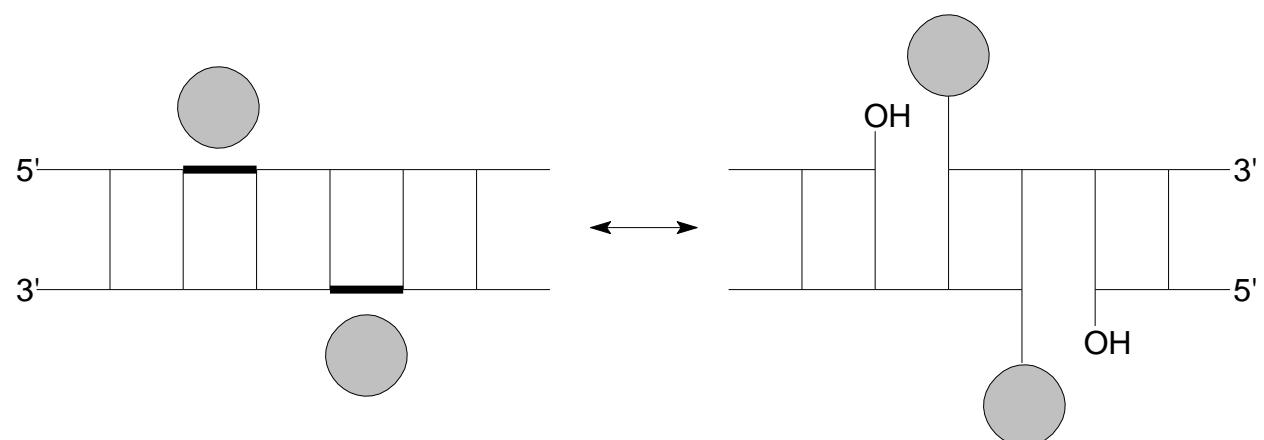




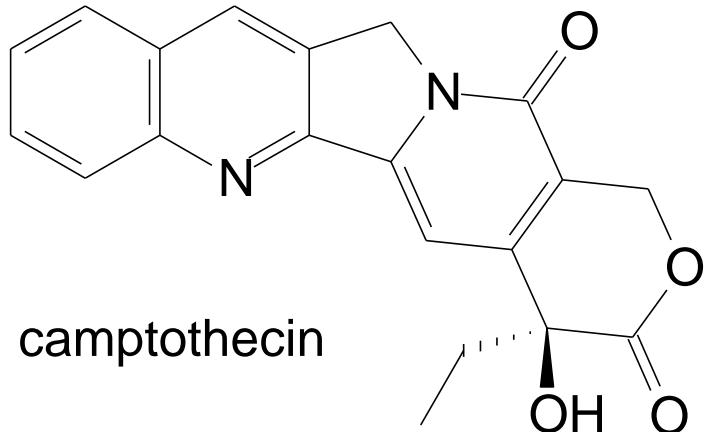
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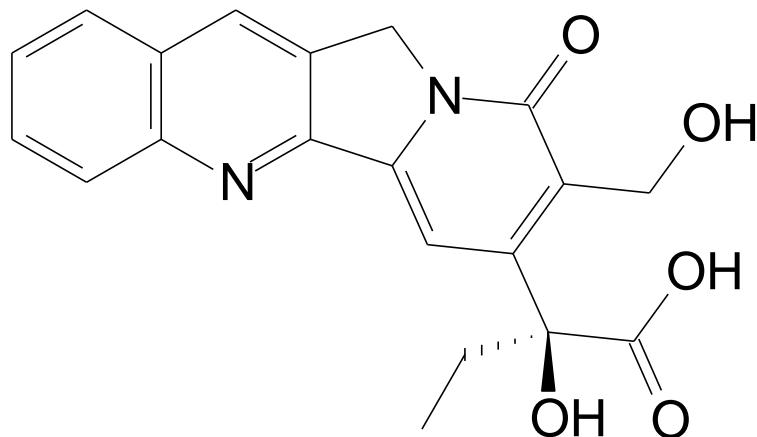
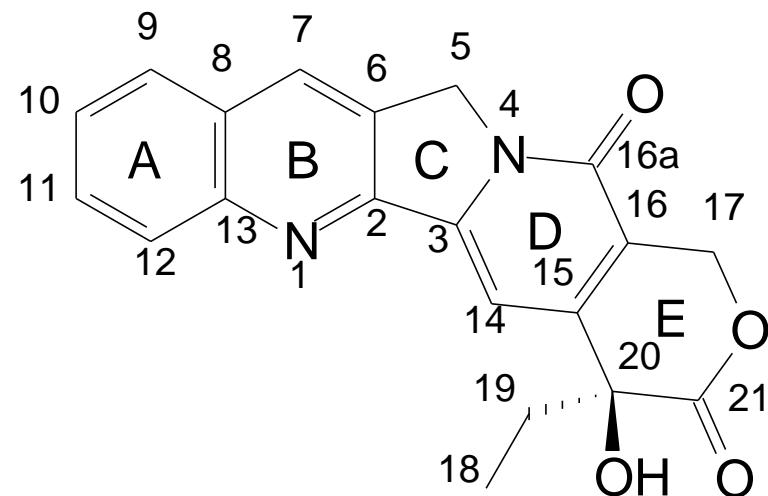


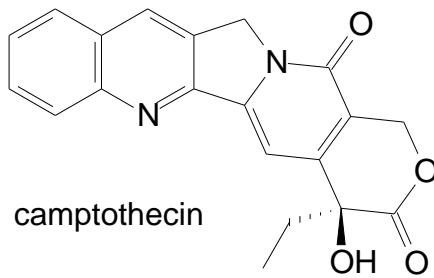


Αναστολείς τοποϊσομεράσης I

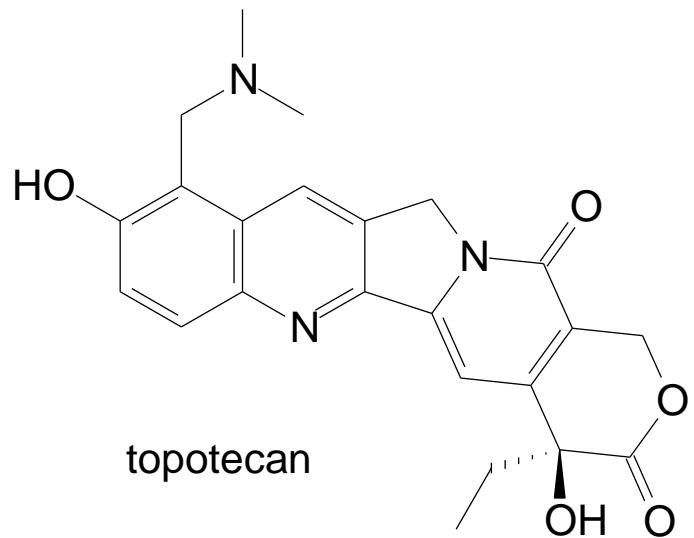


camptothecin

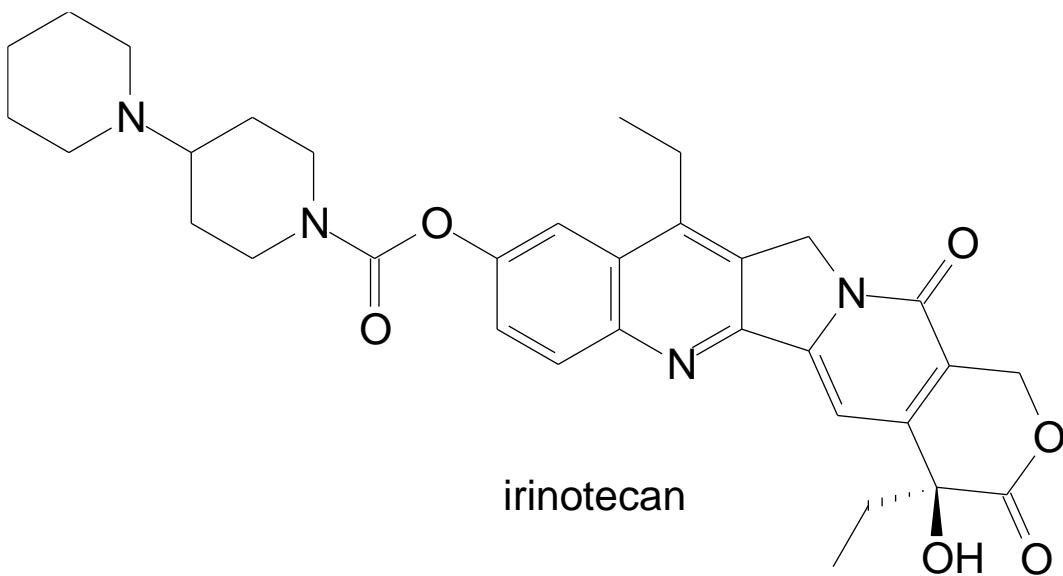




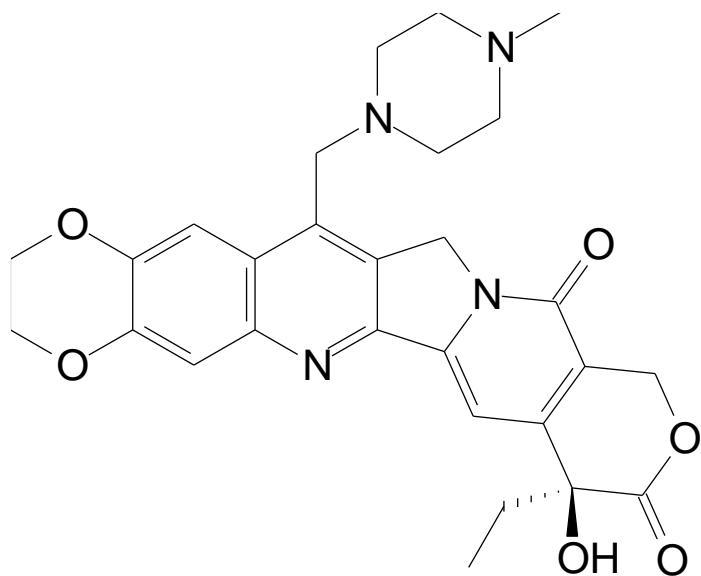
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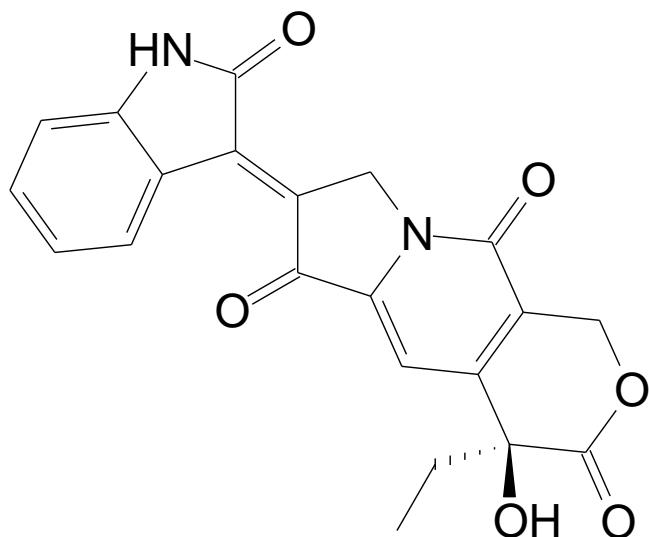
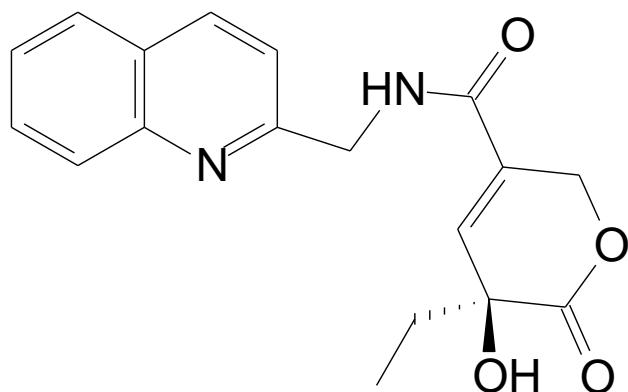
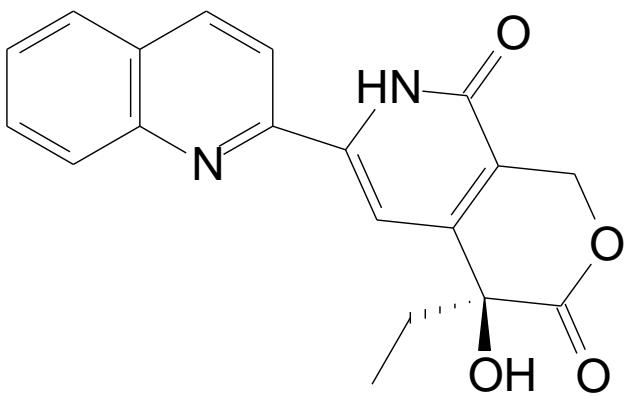
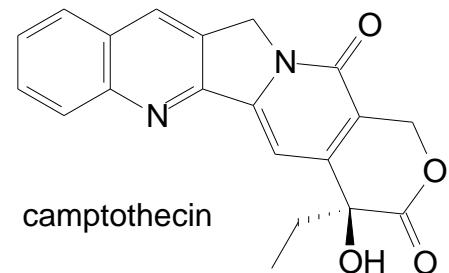


topotecan

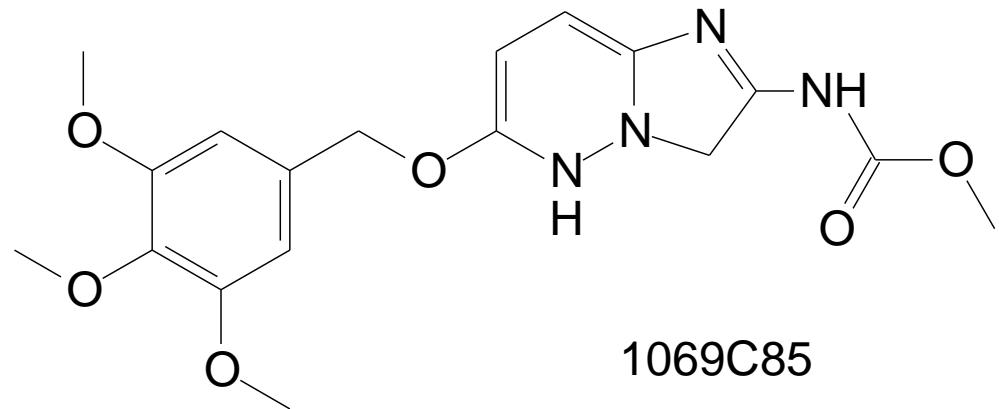
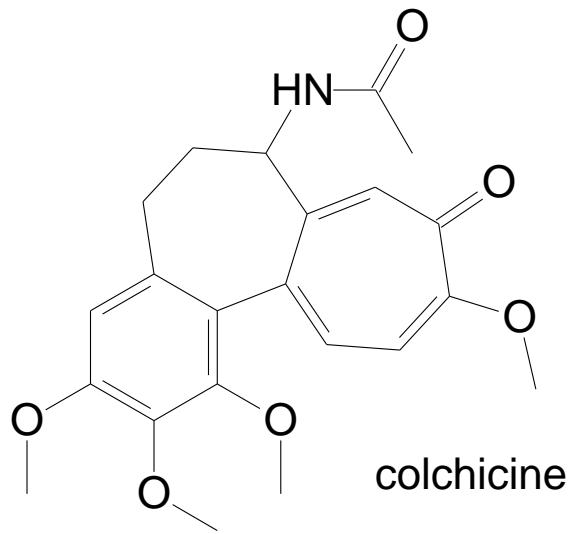


irinotecan

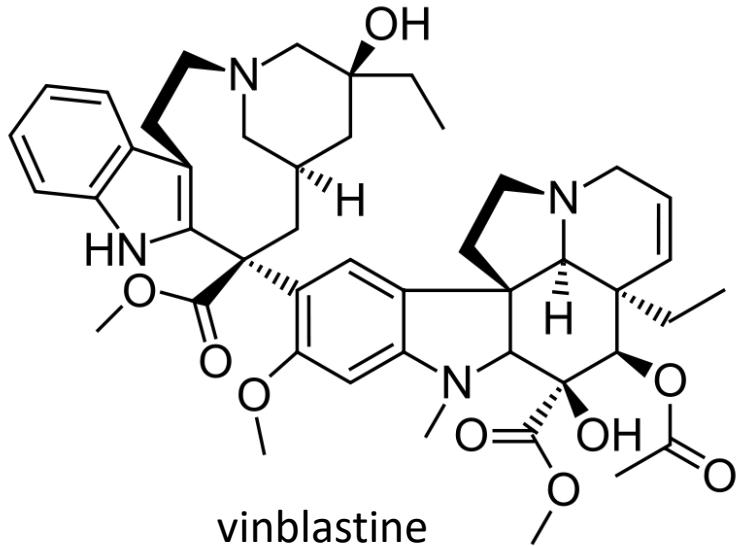




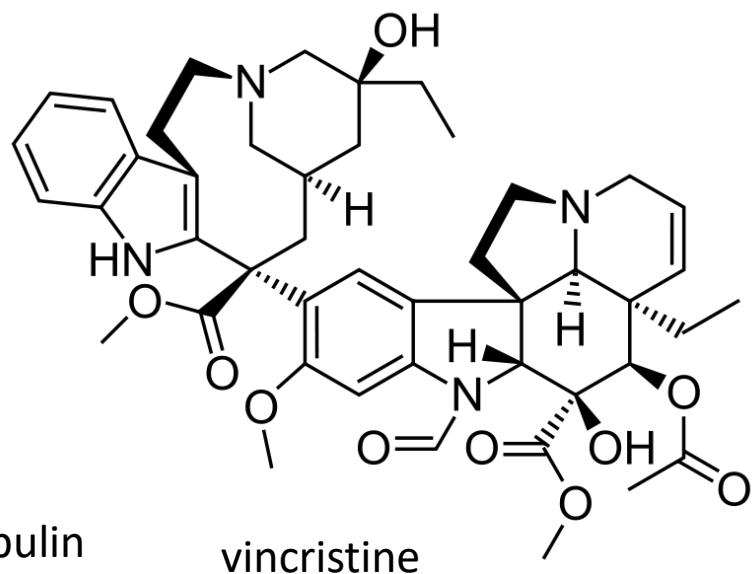
Αναστολείς της λειτουργίας των μικροσωληνίσκων



Δρούν ως αναστολείς του πολυμερισμού της tubulin

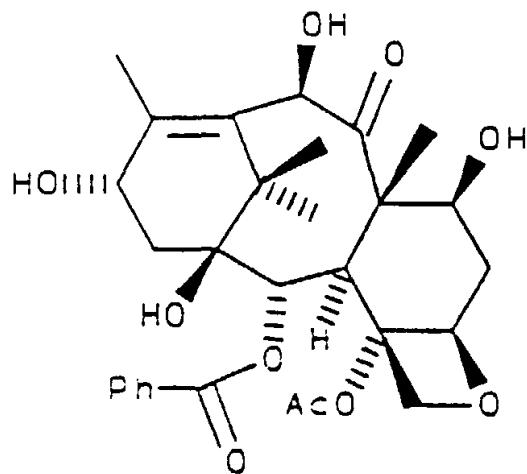
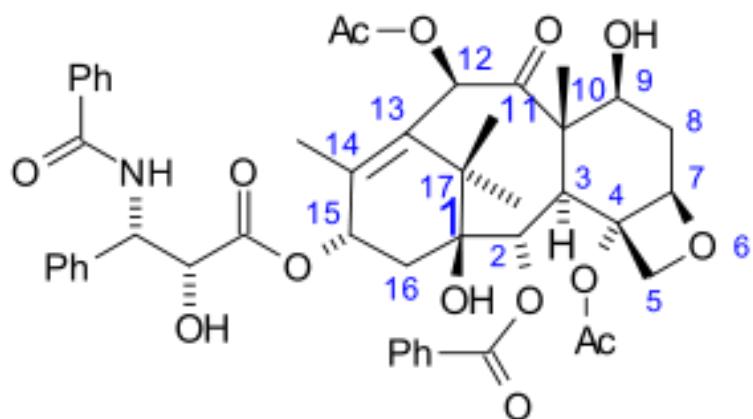


vinblastine

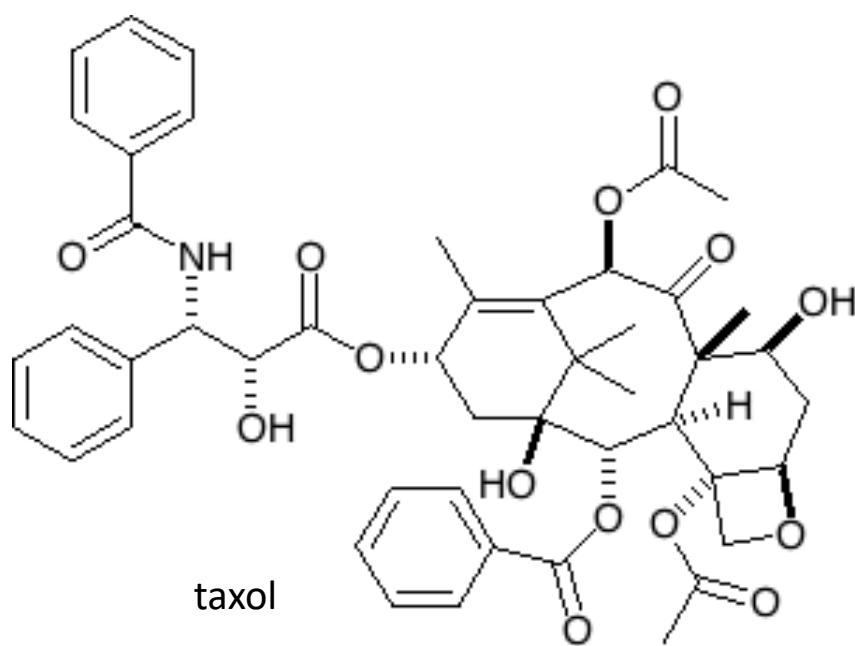


vincristine

Δρούν ως επαγωγείς του αποπολυμερισμού της tubulin



10-deacetyl baccatin III



Can be replaced by tertiary-butyl-oxy group

Side chain contributes to bioactivity

Contributes to the defined conformation of the molecule

Replacement by alkyl or alkenyl improves activity

Important for bioactivity

Significant contribution to bioactivity

Benzoyl group required for bioactivity

Oxetane ring increases activity

