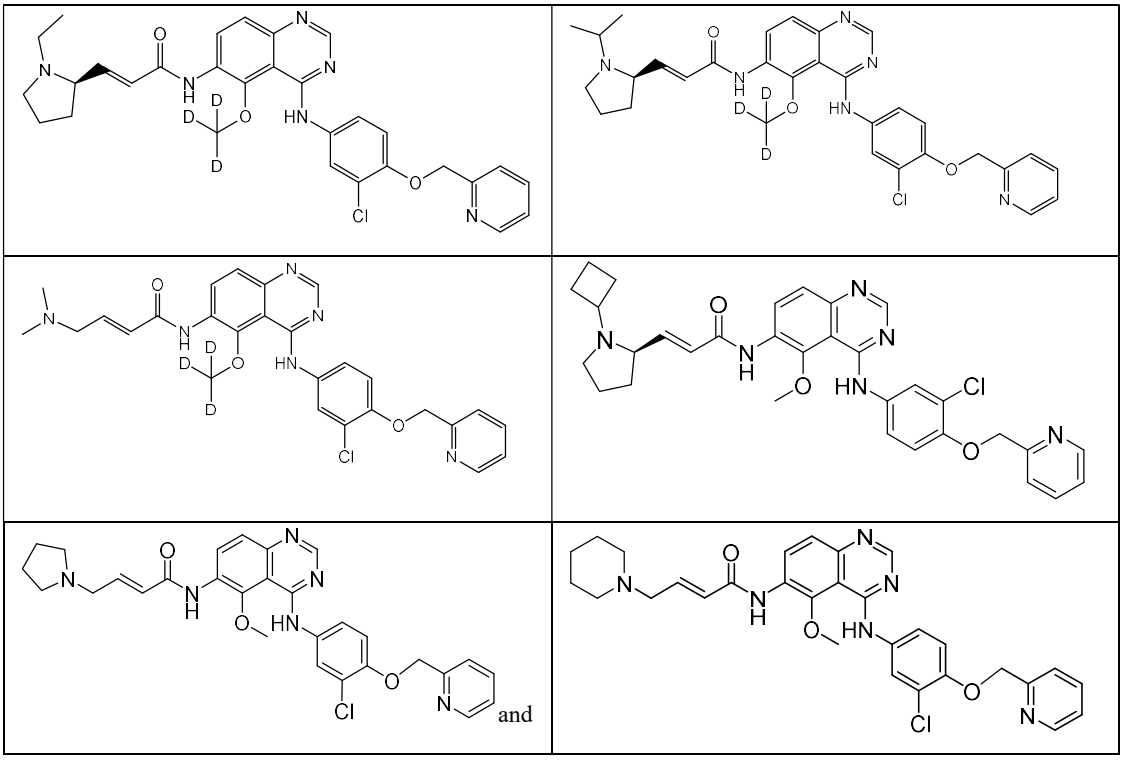
and

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11. A pharmaceutical composition, which comprises the compound of any one of claims 1 to 10, a stereoisomer thereof, a pharmaceutically acceptable salt thereof, or a deuterated derivative thereof, and one or more pharmaceutically acceptable carriers or excipients.

12. The pharmaceutical composition according to claim 11, wherein the pharmaceutical composition also contains one or more other therapeutic agents.

13. Use of the compound of any one of claims 1 to 10, a stereoisomer thereof, a pharmaceutically acceptable salt thereof, or a deuterated derivative thereof, or the pharmaceutical composition of claim 11 or 12 in the manufacture of a medicament for the treatment of a disease related to tyrosine kinase HER2.

14. The use according to claim 13, wherein the disease related to tyrosine kinase HER2 is a disease related to mutations in exon 20 of the tyrosine kinase HER2.

15. The use according to claim 13 or 14, wherein the disease is cancer or autoimmune disease, especially ocular fundus disease, xerophthalmia, psoriasis, leucoderma, dermatitis, alopecia areata, rheumatoid arthritis, colitis, multiple sclerosis, systemic lupus erythematosus, Crohn's