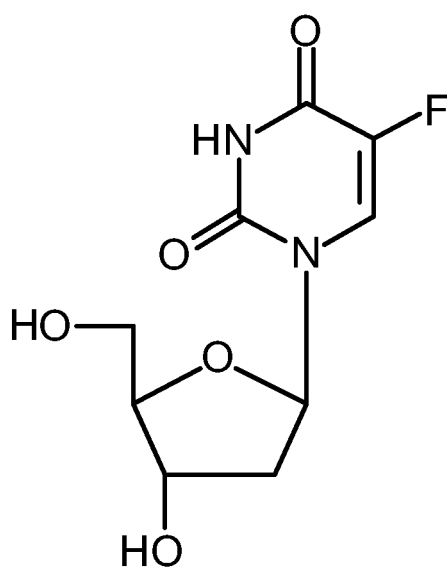
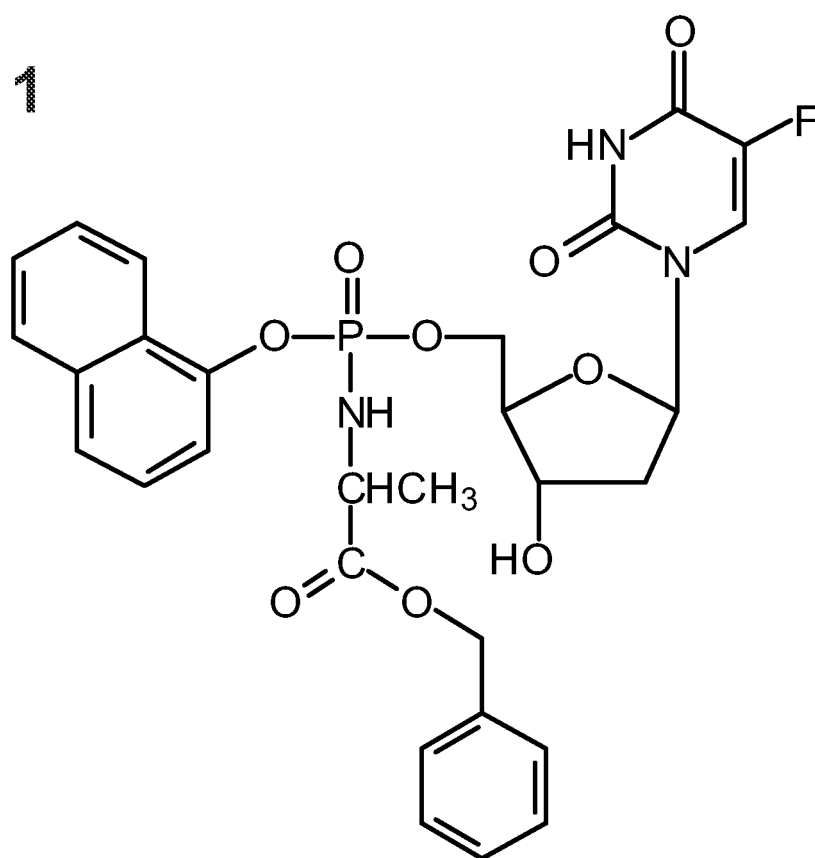
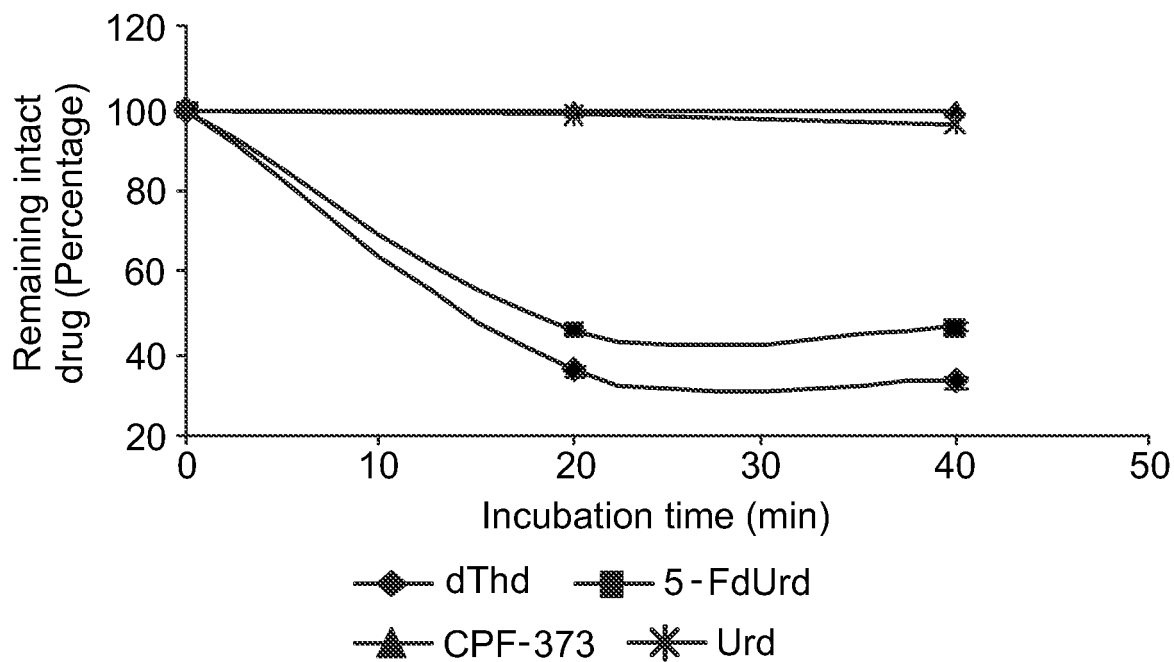


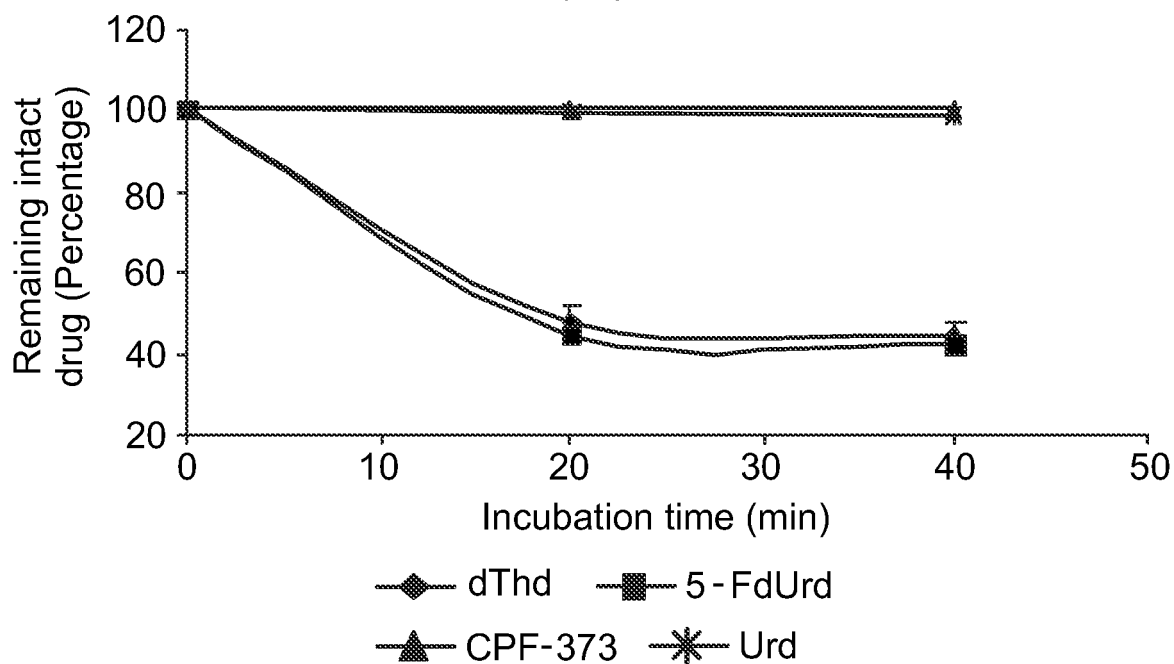
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**5-FdUrd****FIG. 1****CPF-373**

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**FIG. 2(A)***E. coli* TP**FIG. 2(B)**

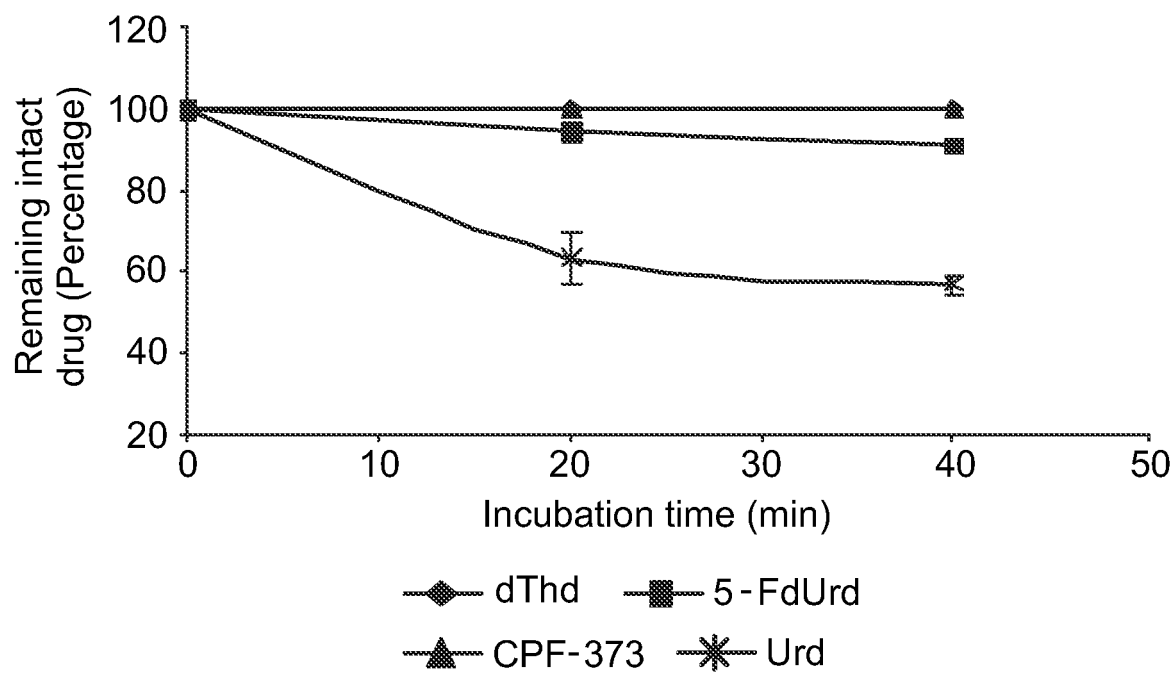
Human TP



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**FIG. 2(C)**

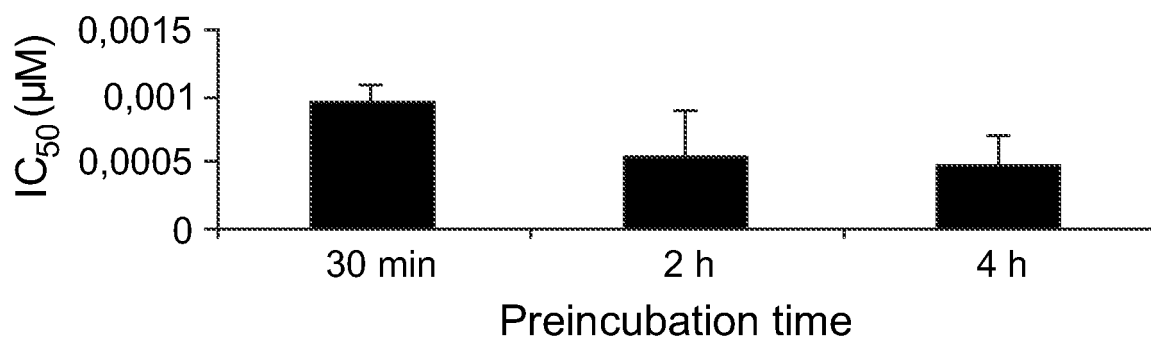
Human UP



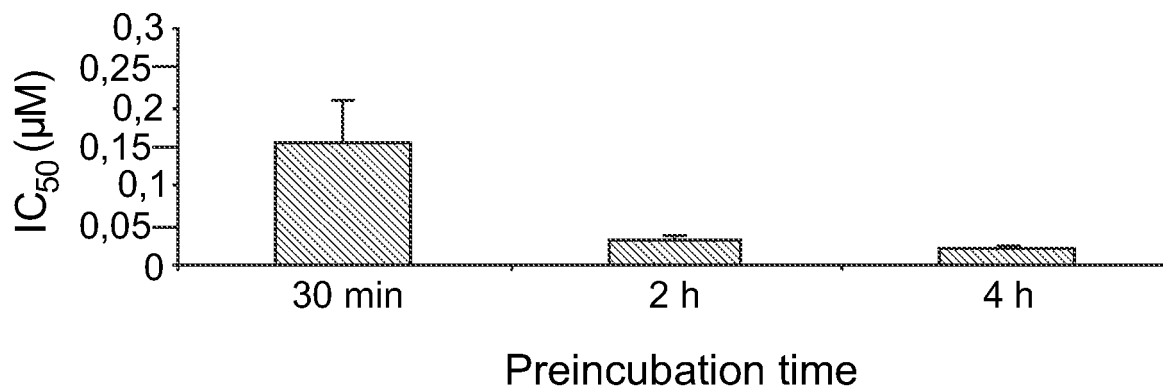
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**FIG. 3(A)**

Inhibition of TS in L1210/0 cells by 5-FdUrd  
(substrate: [5-<sup>3</sup>H]dUrd)

**FIG. 3(B)**

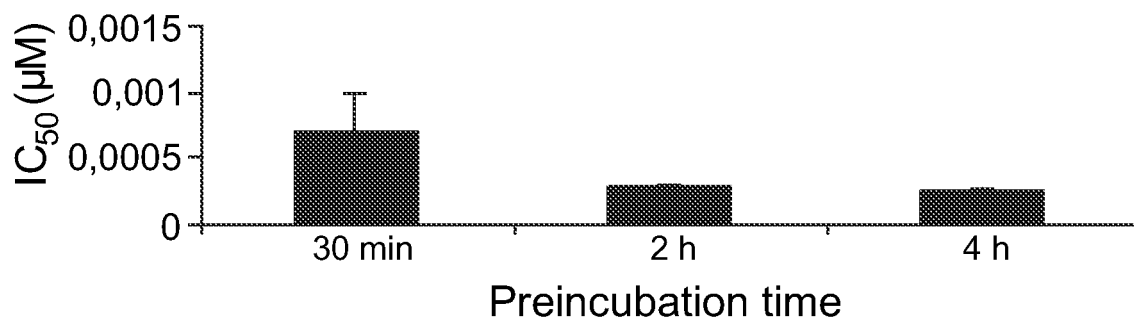
Inhibition of TS in L1210/0 cells by CPF-373  
(substrate: [5-<sup>3</sup>H]dUrd)



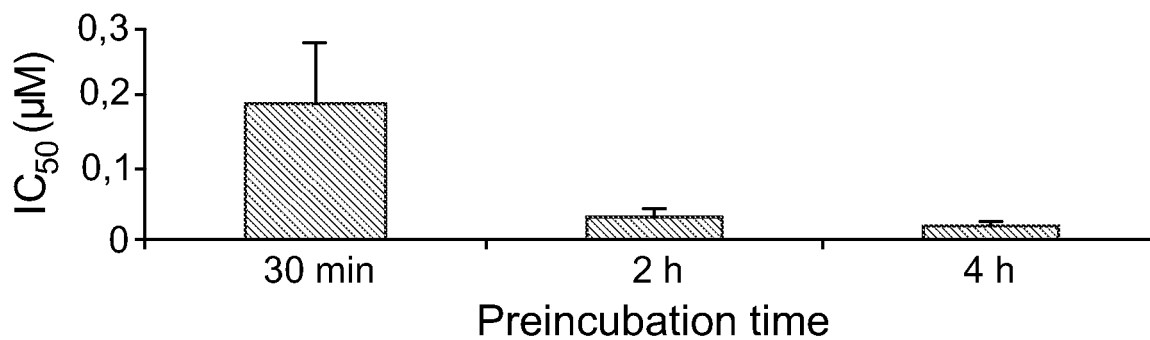
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**FIG. 3(C)**

Inhibition of TS in L1210/0 cells by 5-FdUrd  
(substrate: [5-<sup>3</sup>H]dCyd)

**FIG. 3(D)**

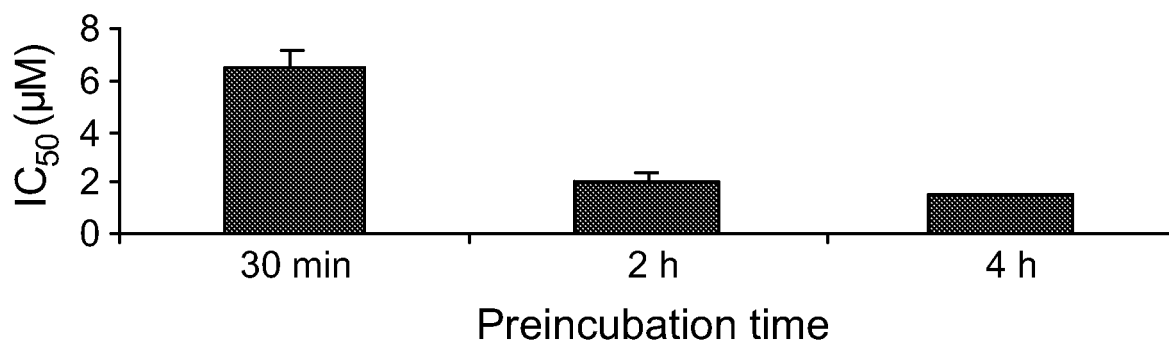
Inhibition of TS in L1210/0 cells by CPF-373  
(substrate: [5-<sup>3</sup>H]dCyd)



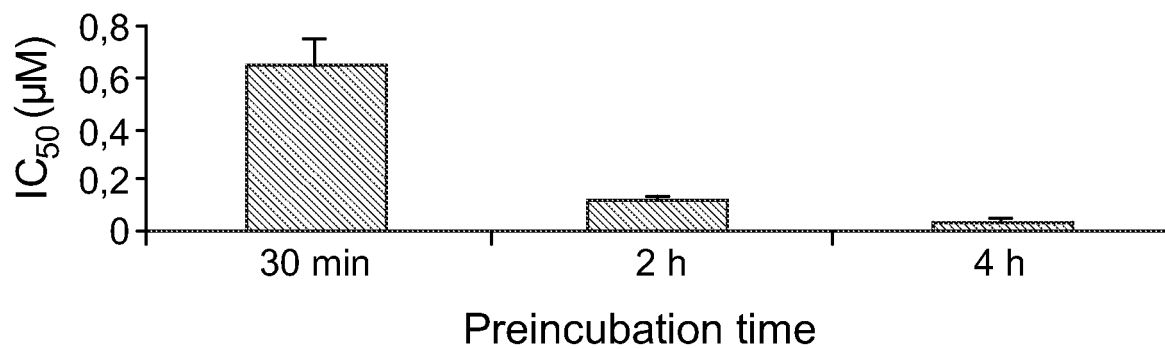
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**FIG. 3(E)**

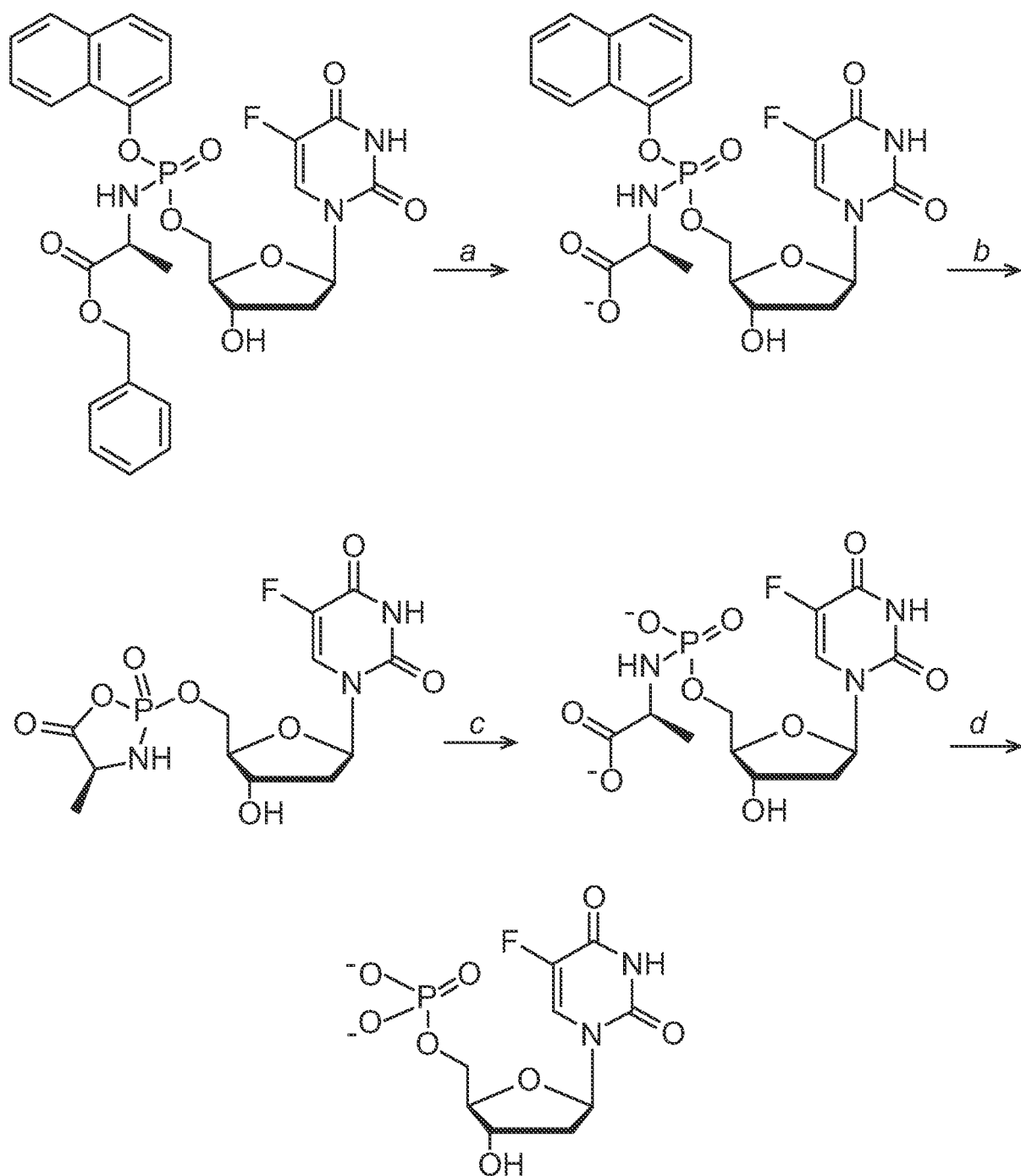
Inhibition of TS in L1210/TK cells by 5-FdUrd  
(substrate: [5-<sup>3</sup>H]dCyd)

**FIG. 3(F)**

Inhibition of TS in L1210/TK cells by CPF-373  
(substrate: [5-<sup>3</sup>H]dCyd)



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**FIG. 4**

a: esterase or carboxypeptidase-type enzyme      b: spontaneous  
c: spontaneous      d: phosphoramidase-type enzyme

FIG. 5

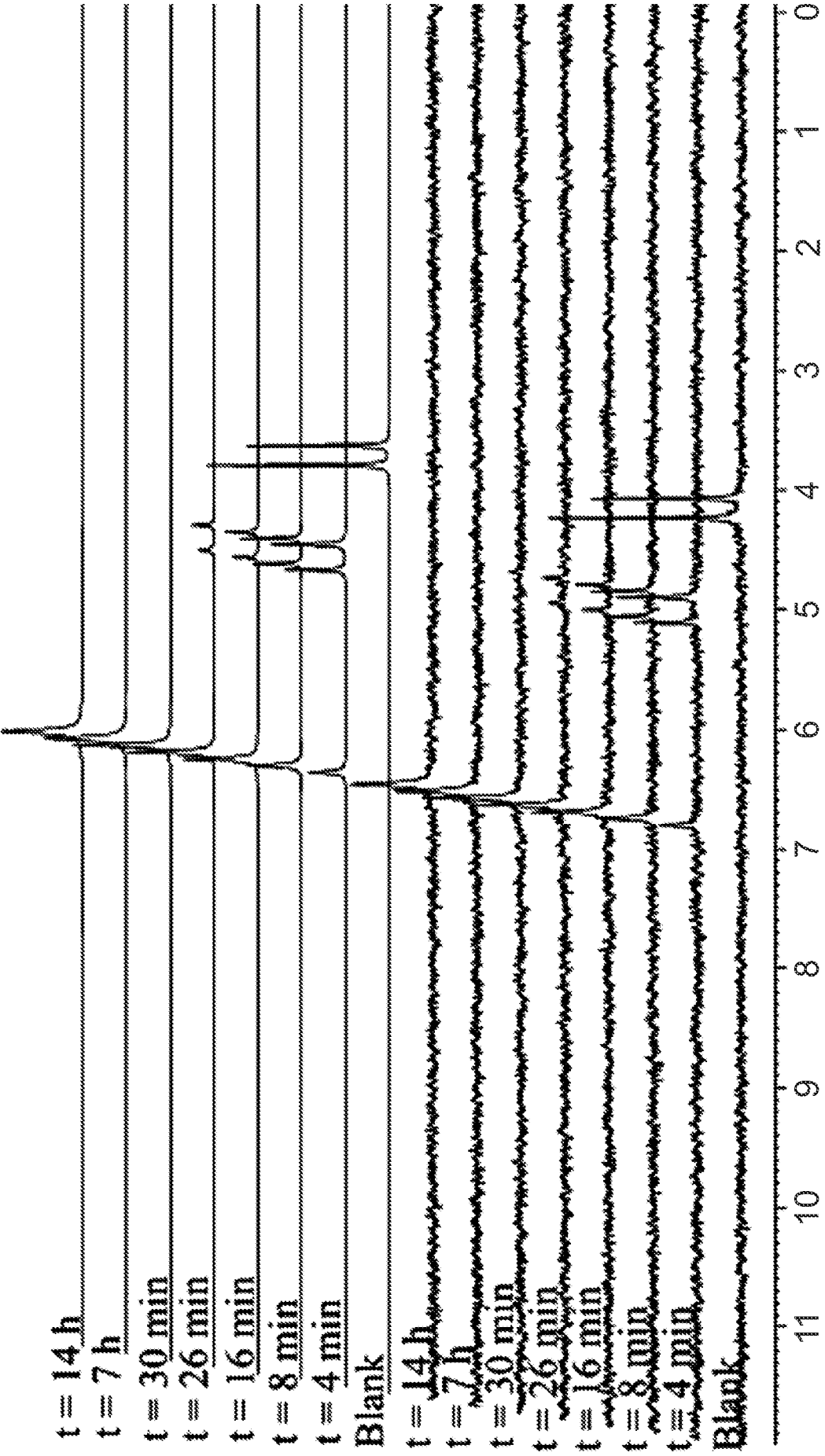


FIG. 6

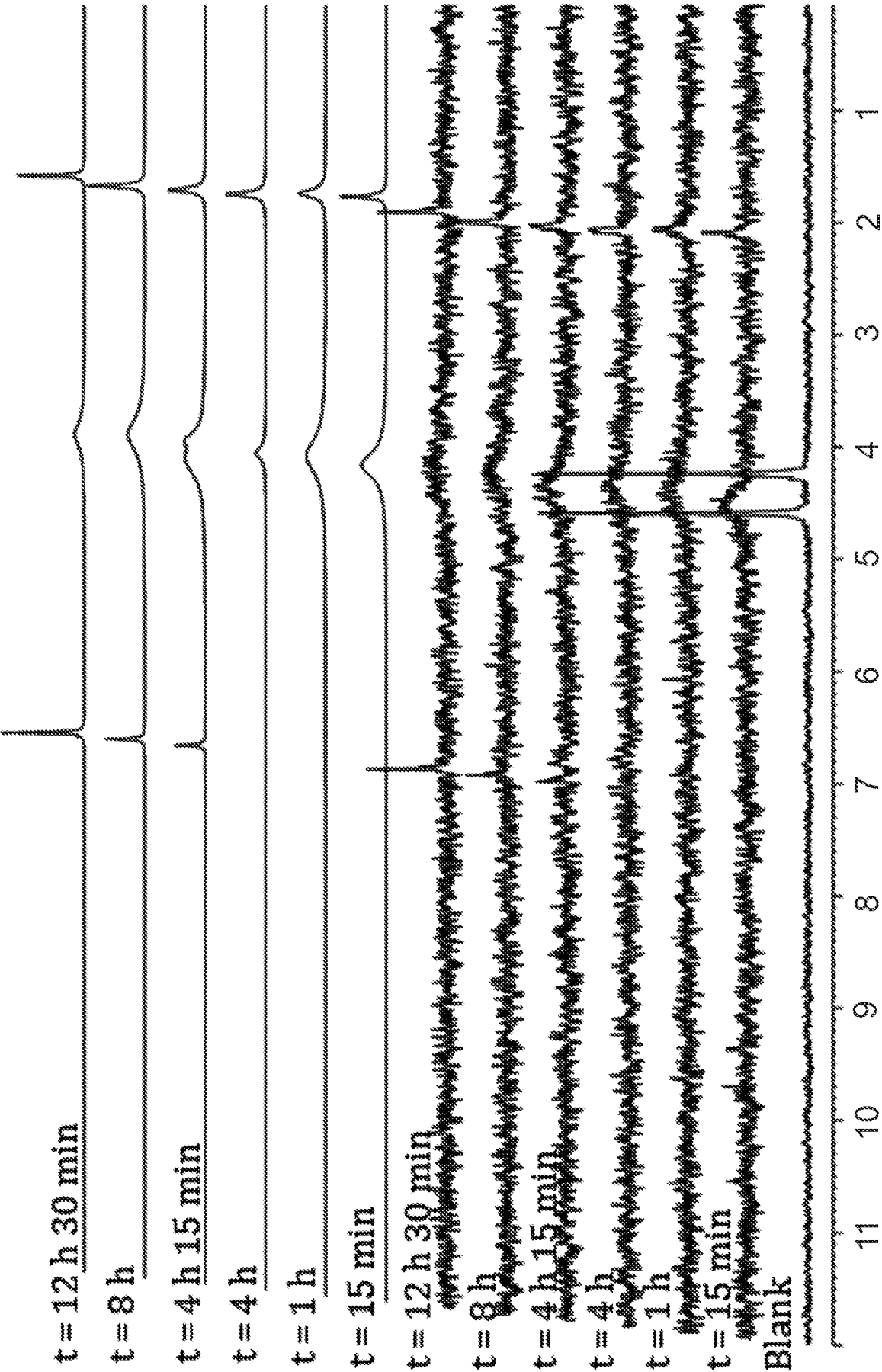
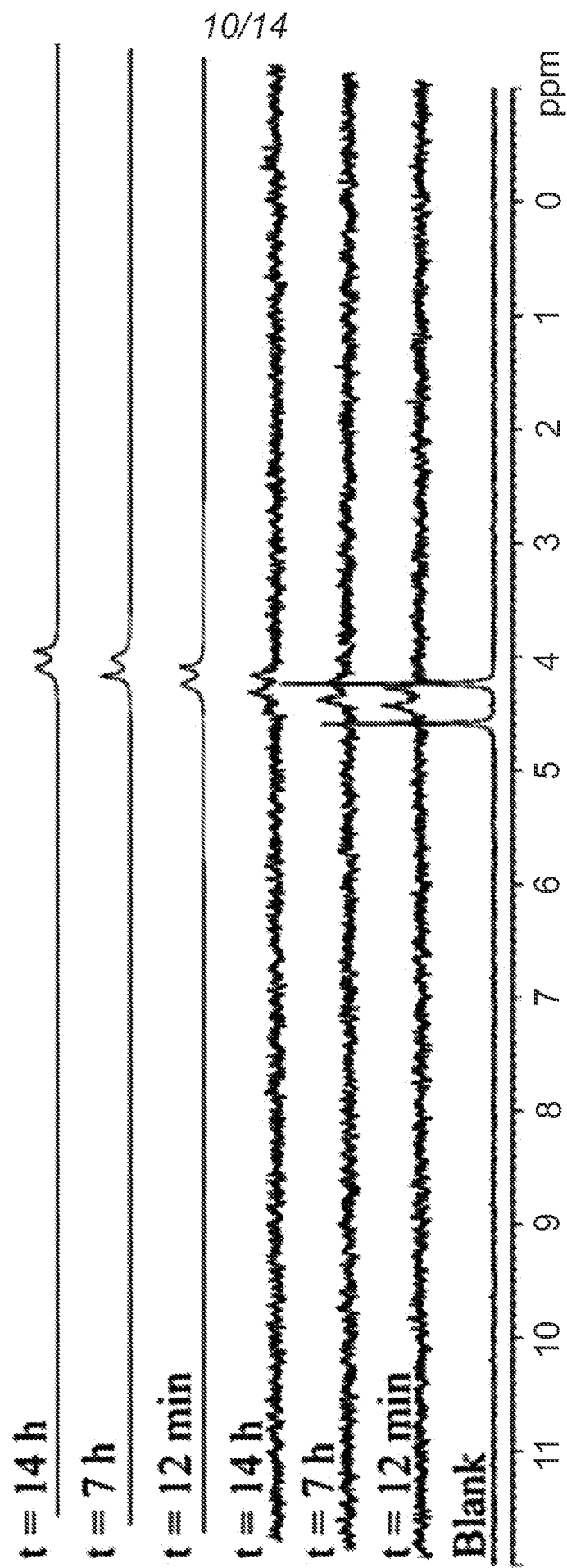


FIG. 7



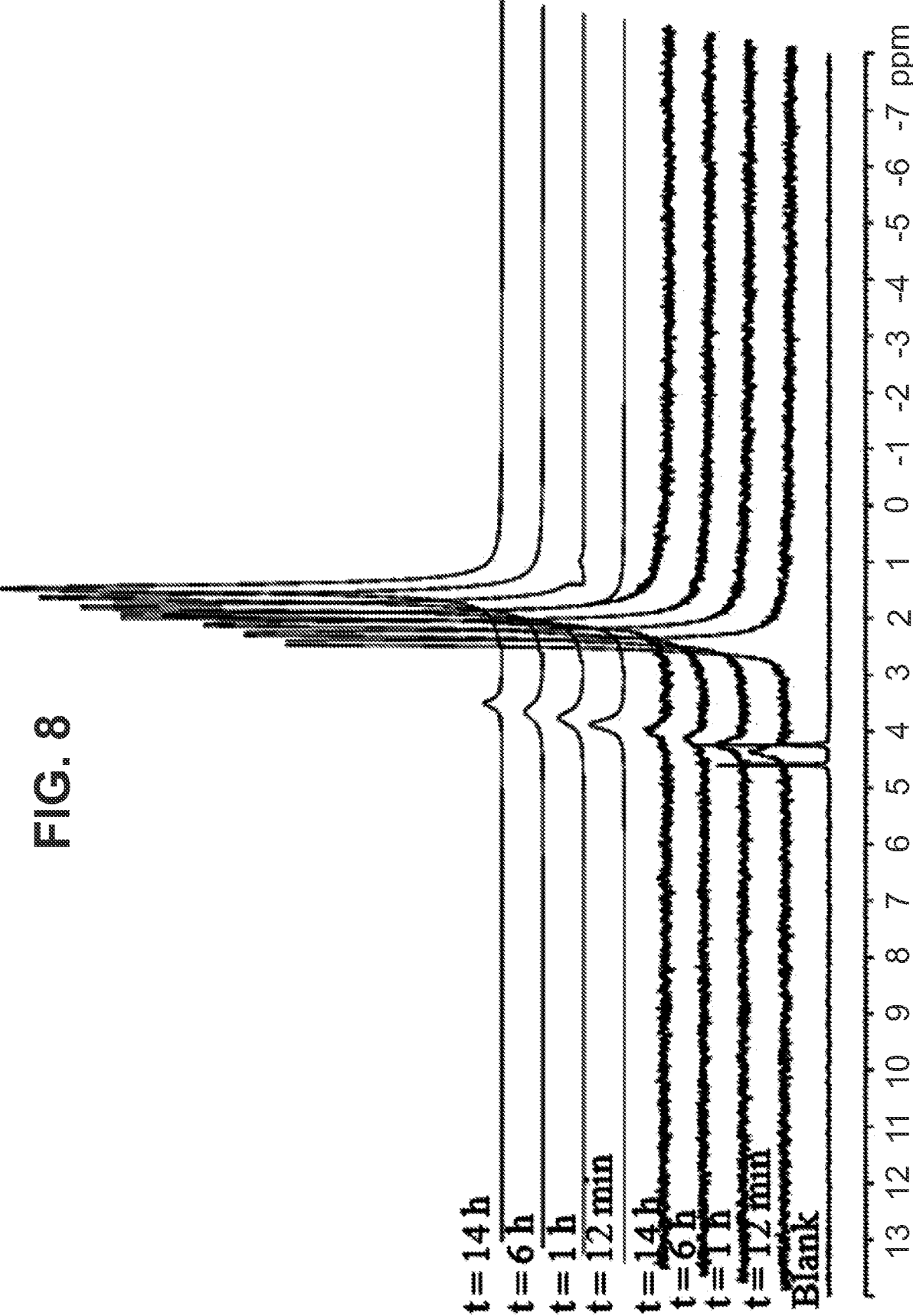


FIG. 9(A)

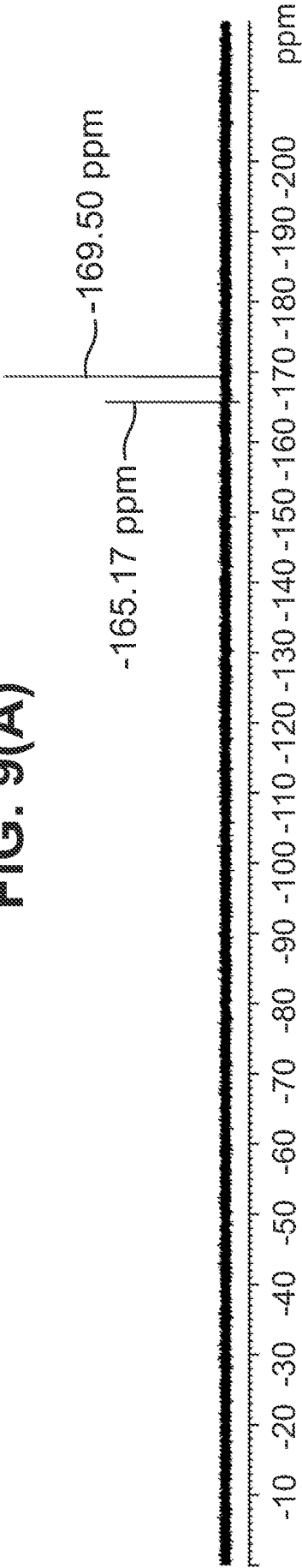


FIG. 9(B)

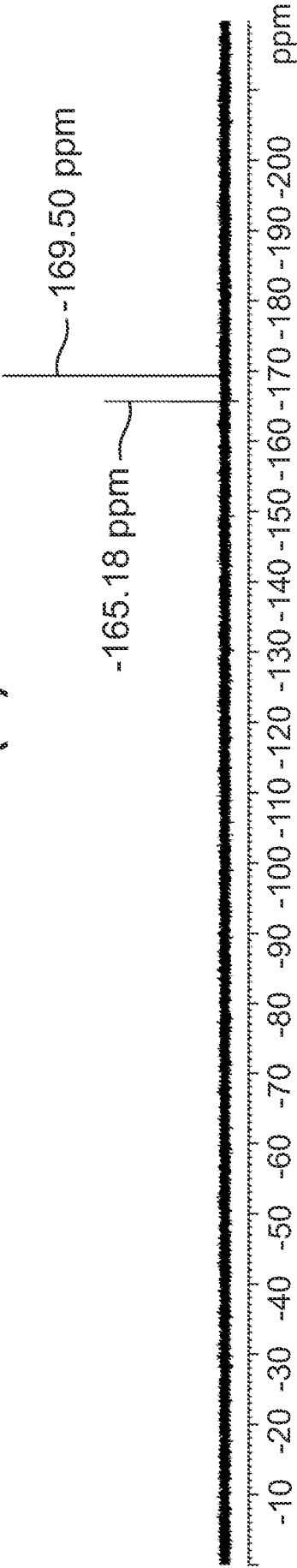


FIG. 10(A)

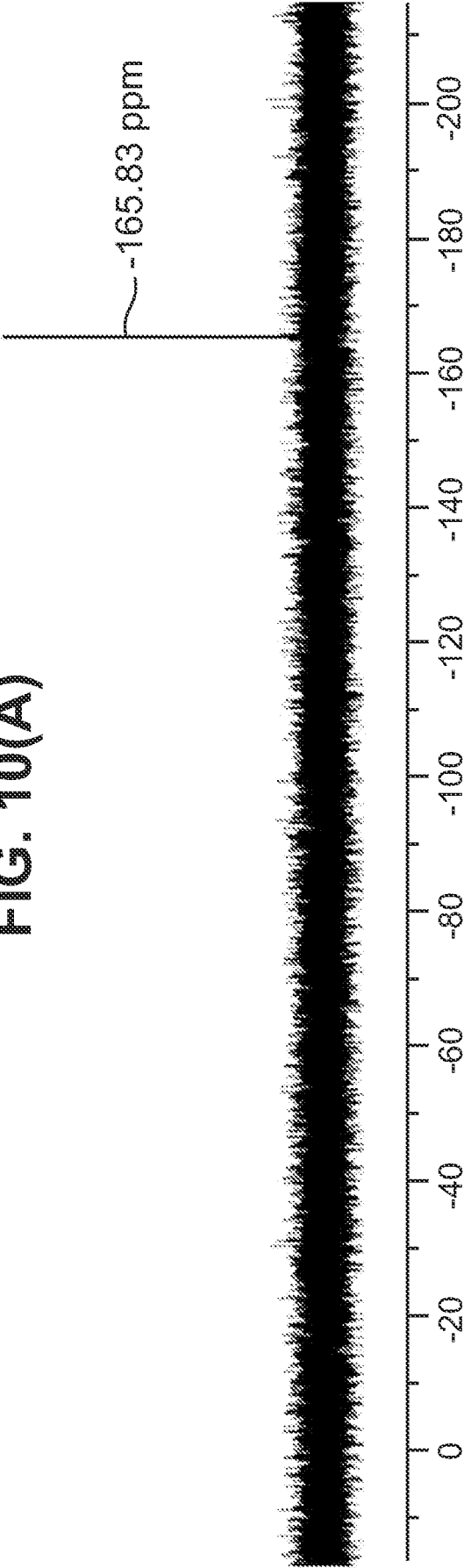


FIG. 10(B)

