Electronic Supplementary Information

Design, synthesis and biological evaluation of novel 2,4-diaminopyrimidine derivatives as potent antitumor agents

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Fig. 1-1 $^1\text{H}$ NMR spectrum of compound 9a

Fig. 1-2 $^{13}\text{C}$ NMR spectrum of compound 9a
Fig. 2-1 $^1$H NMR spectrum of compound 9b

Fig. 2-2 $^{13}$C NMR spectrum of compound 9b
Fig. 3-1 $^1$H NMR spectrum of compound 9c

Fig. 3-2 $^{13}$C NMR spectrum of compound 9c
**Fig. 4-1** $^1$H NMR spectrum of compound 9d

**Fig. 4-2** $^{13}$C NMR spectrum of compound 9d
Fig. 5-1 $^1$H NMR spectrum of compound 9e

Fig. 5-2 $^{13}$C NMR spectrum of compound 9e
Fig. 6-1 $^1$H NMR spectrum of compound 9f

Fig. 6-2 $^1$C NMR spectrum of compound 9f
Fig. 7-1 $^1$H NMR spectrum of compound 9g

Fig. 7-2 $^{13}$C NMR spectrum of compound 9g
Fig. 8-1 $^1$H NMR spectrum of compound 9h

Fig. 8-2 $^{13}$C NMR spectrum of compound 9h
Fig. 9-1 $^1$H NMR spectrum of compound 9i

Fig. 9-2 $^{13}$C NMR spectrum of compound 9i
Fig. 10-1 $^1$H NMR spectrum of compound 9j

Fig. 10-2 $^{13}$C NMR spectrum of compound 9j
Fig. 11-1 $^1$H NMR spectrum of compound 9k

Fig. 11-2 $^{13}$C NMR spectrum of compound 9k
Fig. 12-1 $^1$H NMR spectrum of compound 9l

Fig. 12-2 $^{13}$C NMR spectrum of compound 9l
Fig. 13-1 $^1$H NMR spectrum of compound 13a

Fig. 13-2 $^{13}$C NMR spectrum of compound 13a
Fig. 14-1 $^1$H NMR spectrum of compound 13b

Fig. 14-2 $^{13}$C NMR spectrum of compound 13b
Fig. 15-1 $^1$H NMR spectrum of compound 13c

Fig. 15-2 $^{13}$C NMR spectrum of compound 13c
Fig. 16-1 ¹H NMR spectrum of compound 13d

Fig. 16-2 ¹³C NMR spectrum of compound 13d
Fig. 17-1 $^1$H NMR spectrum of compound 13e

Fig. 17-2 $^{13}$C NMR spectrum of compound 13e
Fig. 18-1 $^1$H NMR spectrum of compound 13f

Fig. 18-2 $^{13}$C NMR spectrum of compound 13f
Fig. 19-1 $^1$H NMR spectrum of compound 13g

Fig. 19-2 $^{13}$C NMR spectrum of compound 13g
Fig. 20-1 $^1$H NMR spectrum of compound 13h

Fig. 20-2 $^{13}$C NMR spectrum of compound 13h
Fig. 21-1 $^1$H NMR spectrum of compound 13i

Fig. 21-2 $^{13}$C NMR spectrum of compound 13i
Fig. 22-1 $^1$H NMR spectrum of compound 13j

Fig. 22-2 $^{13}$C NMR spectrum of compound 13j
Fig. 23-1 $^1$H NMR spectrum of compound 13k

Fig. 23-2 $^1$C NMR spectrum of compound 13k
Fig. 24-1 $^1$H NMR spectrum of compound 13l

Fig. 24-2 $^{13}$C NMR spectrum of compound 13l