

Microwave assisted reactions of pyrrolodiazine compounds as potential fluorescent biological markers

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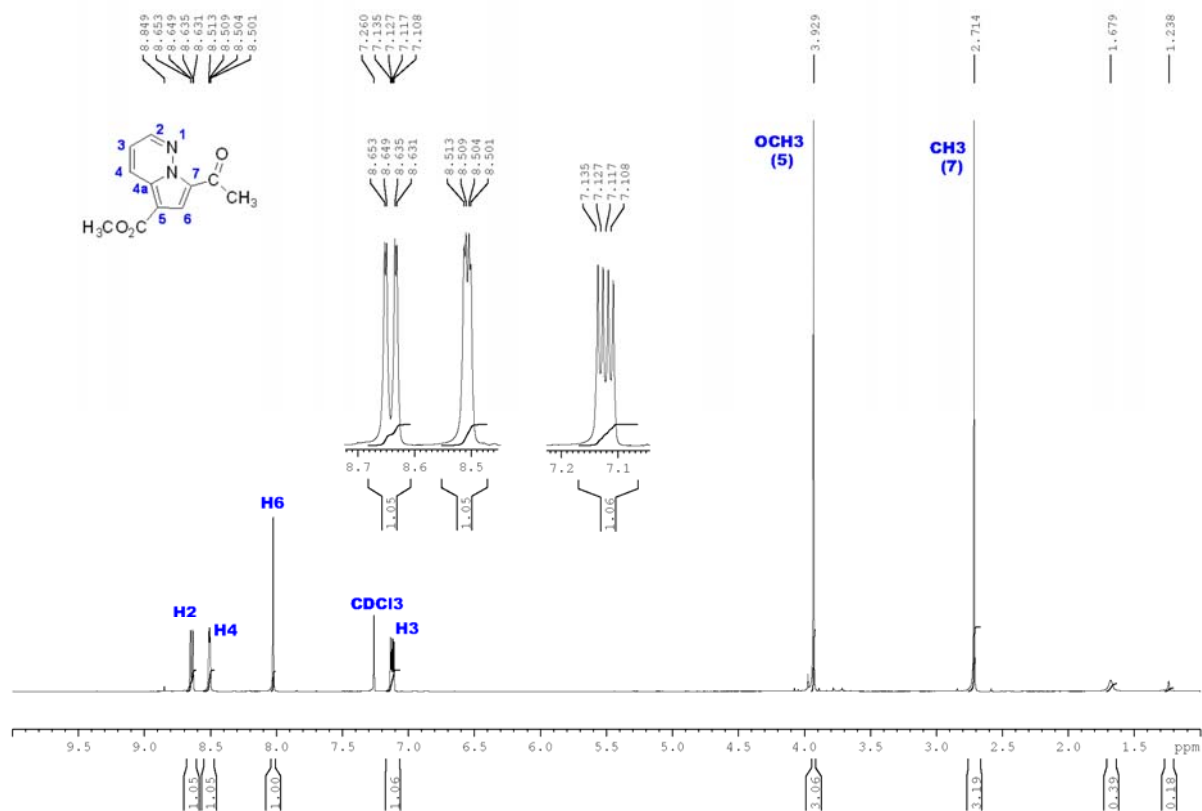
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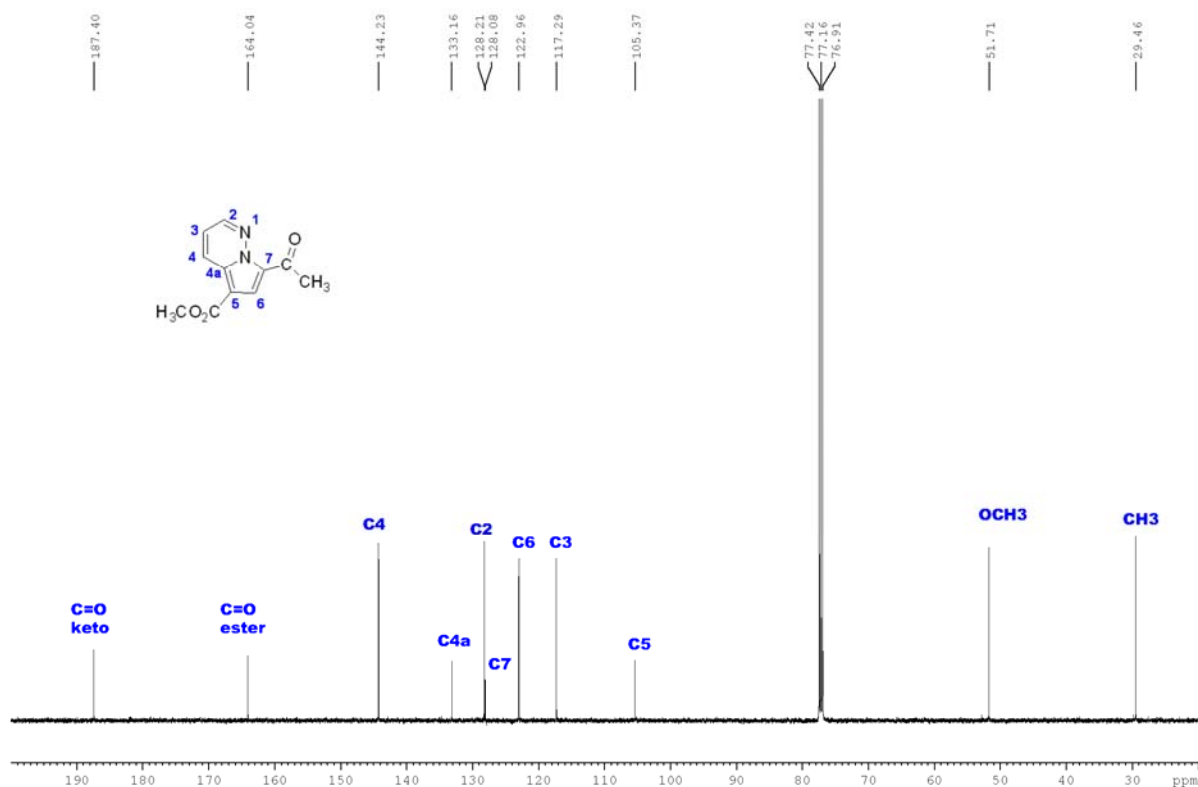
Contents

1. NMR Spectra of the obtained compounds.....	2
2. IR Spectra of the obtained compounds.....	15

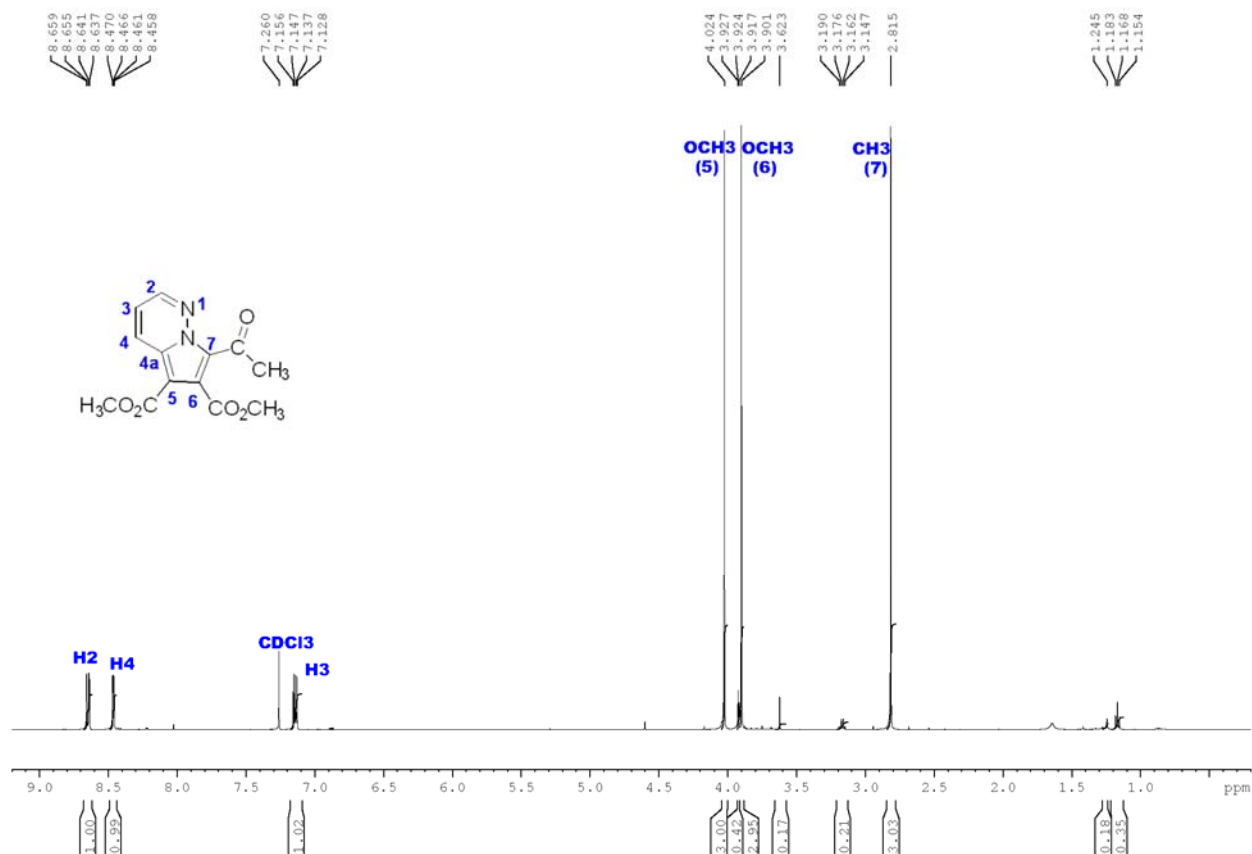
1. NMR Spectra of the obtained compounds.



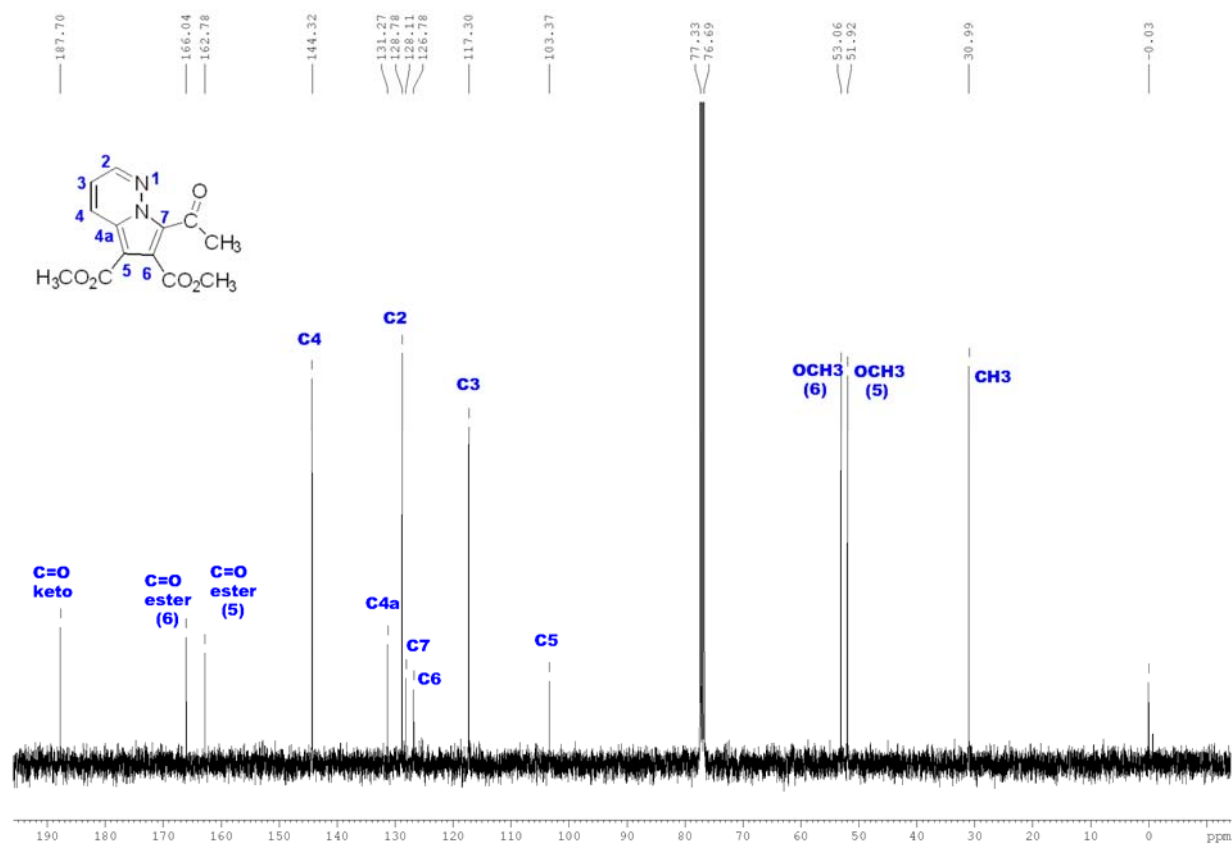
S1a Fig. ¹H NMR spectrum of the compound 7.



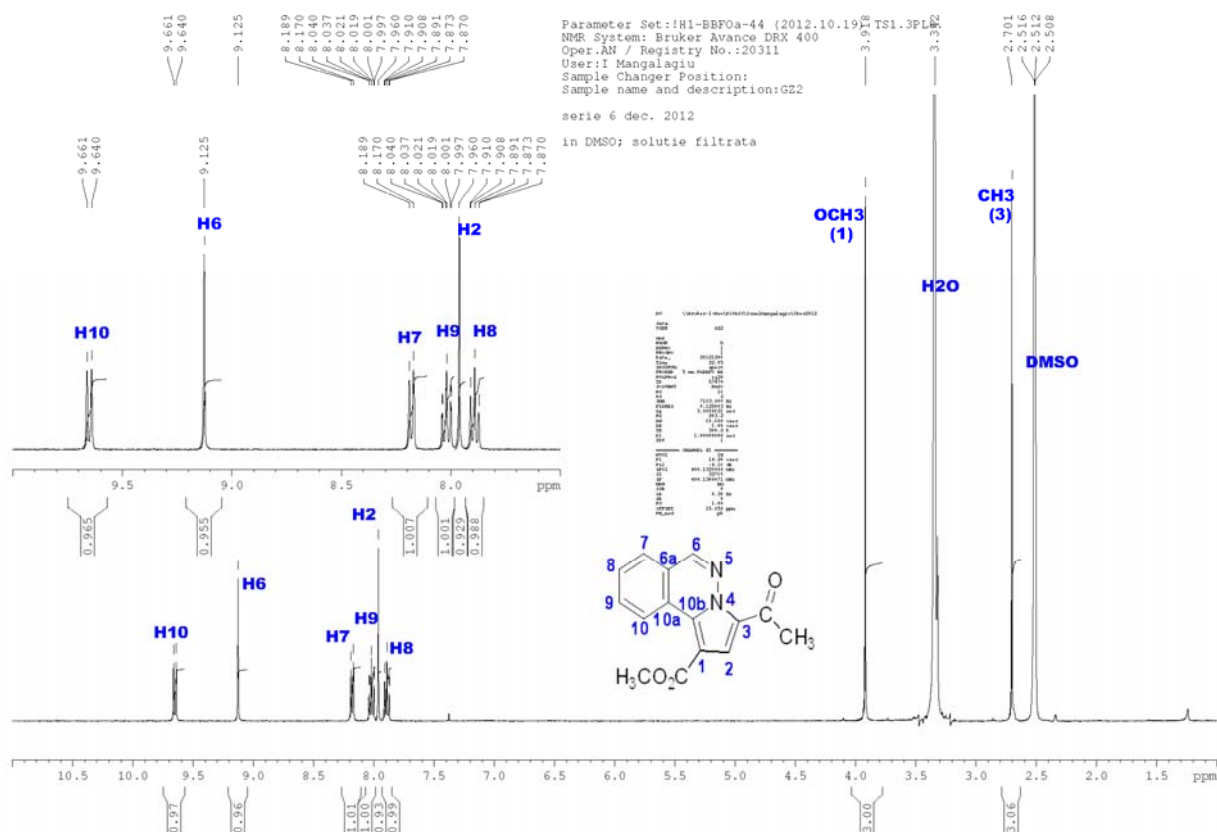
S1b Fig. ¹³C NMR spectrum of the compound 7.



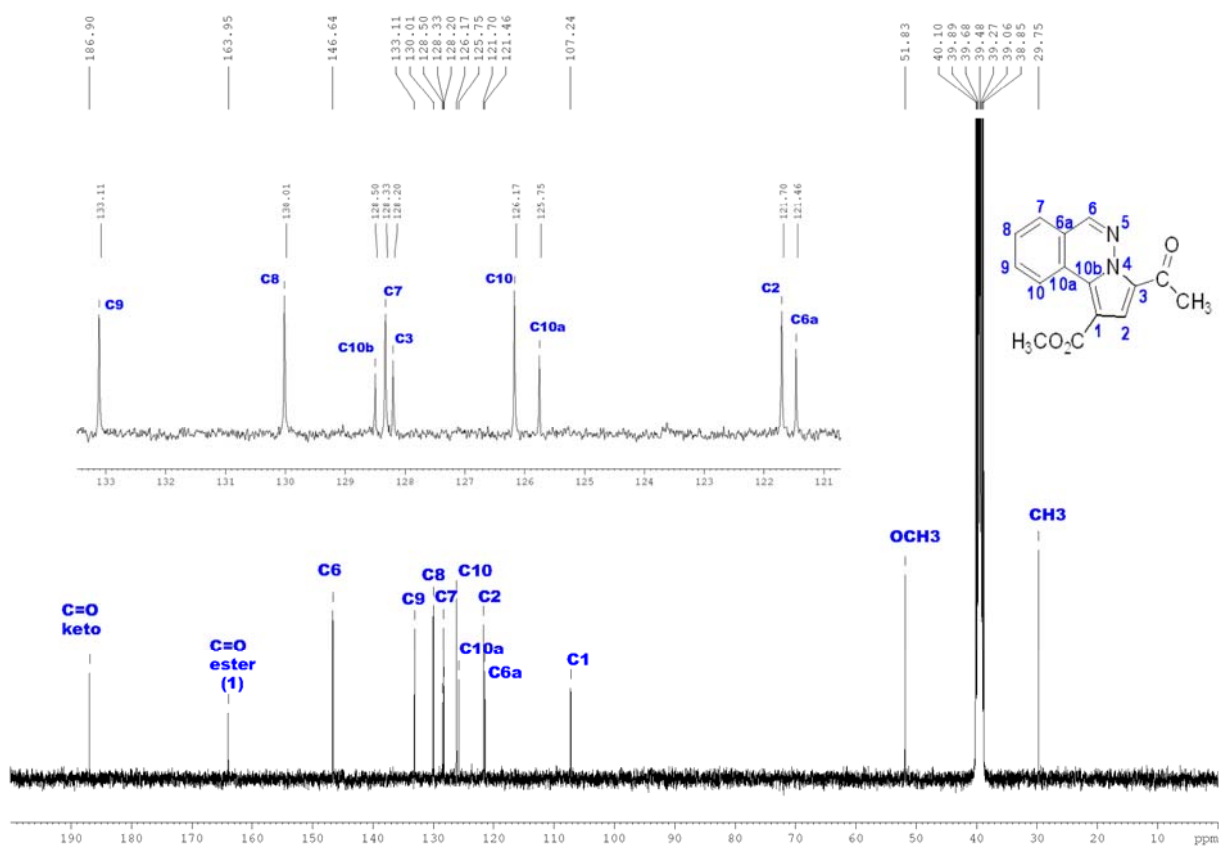
S2a Fig. ¹H NMR spectrum of the compound 8.



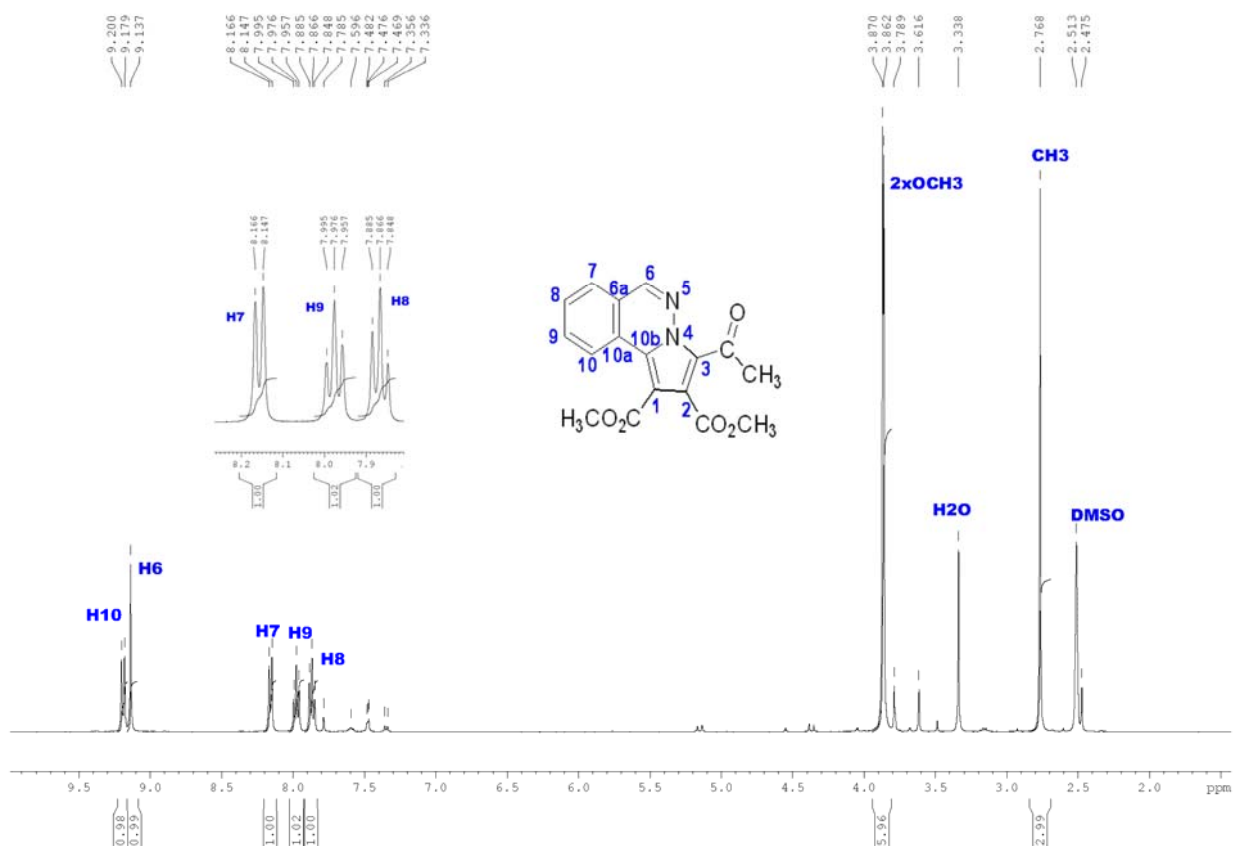
S2b Fig. ¹³C NMR spectrum of the compound 8.



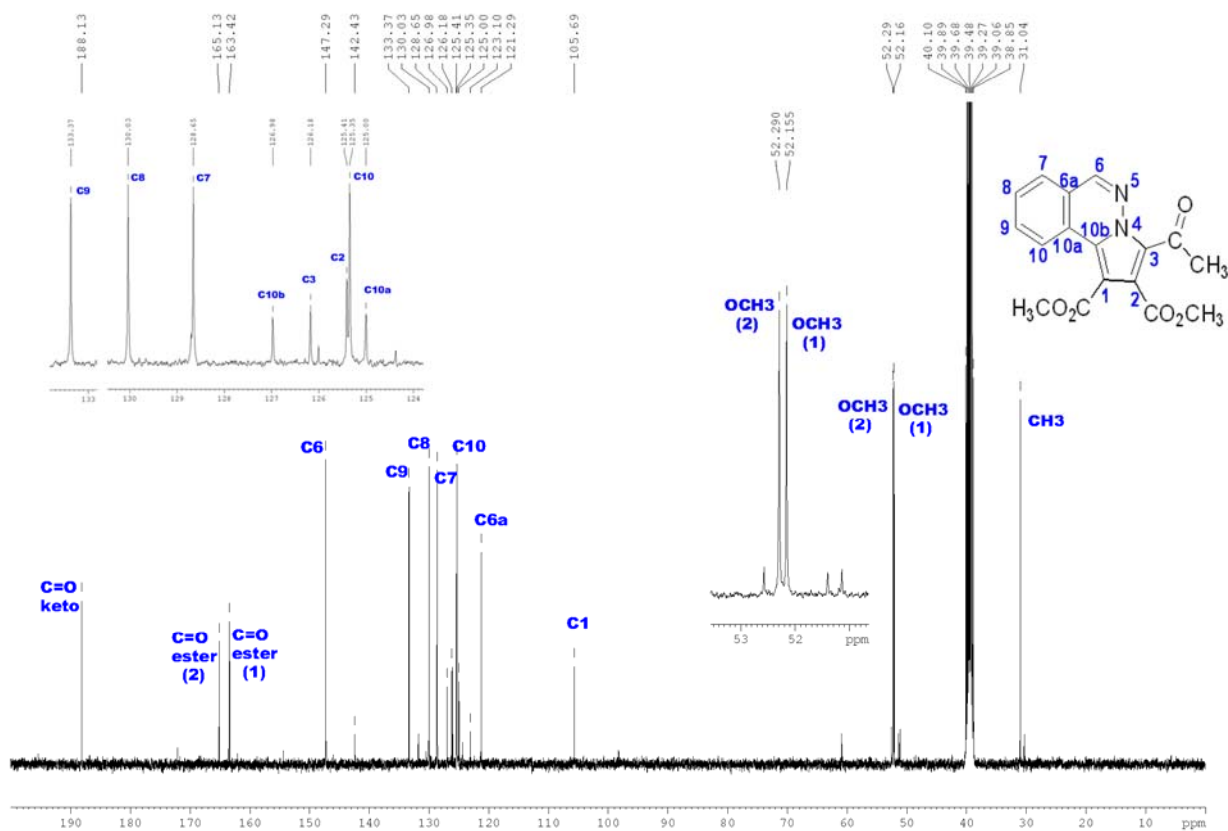
S3a Fig. ^1H NMR spectrum of the compound 9.



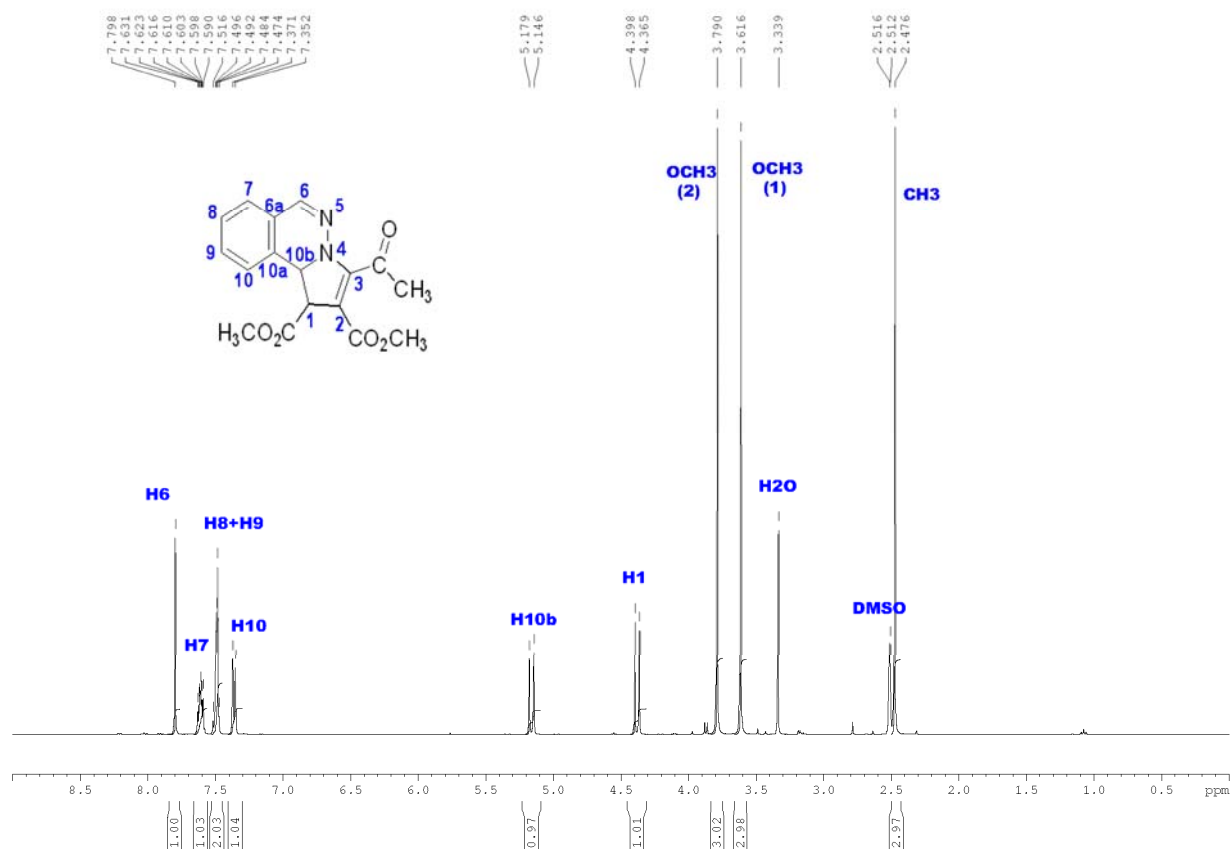
S3b Fig. ^{13}C NMR spectrum of the compound 9.



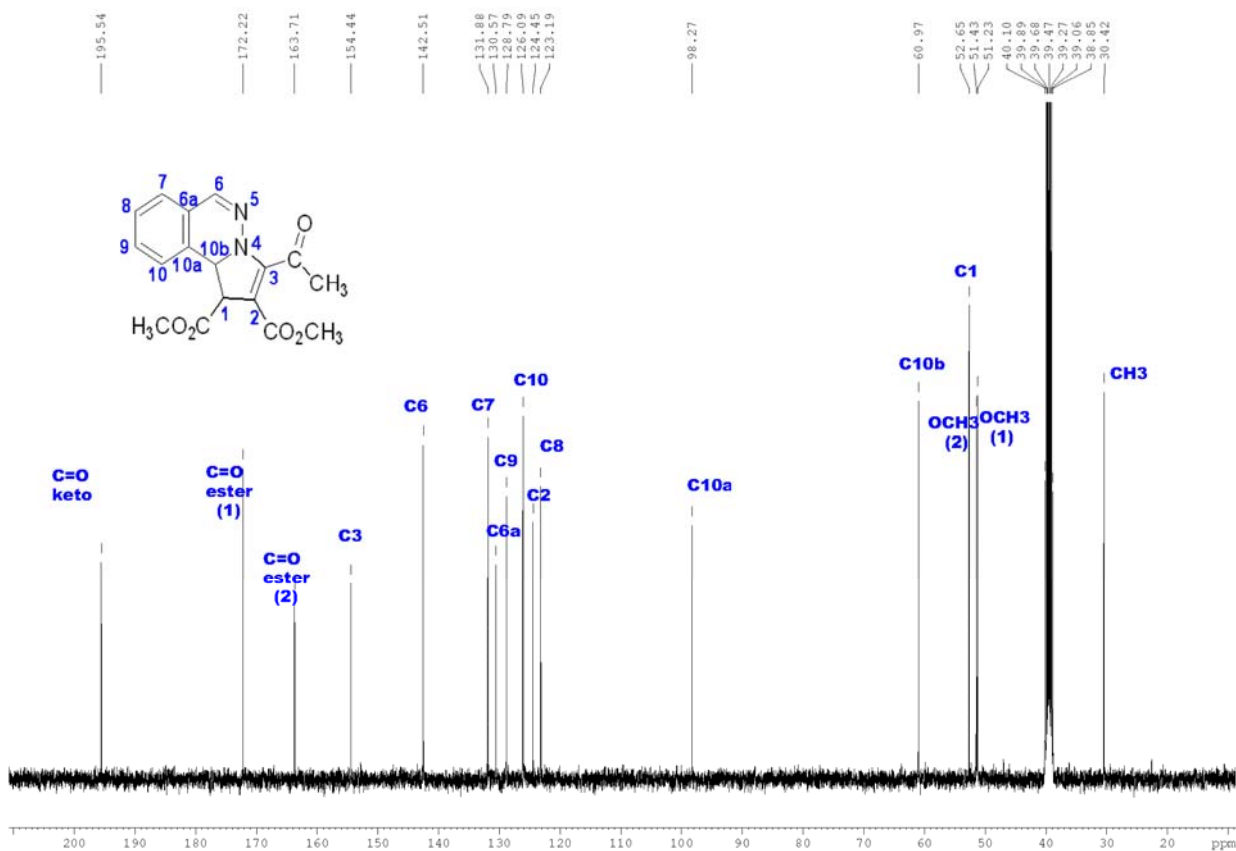
S4a Fig. ¹H NMR spectrum of the compound 10.



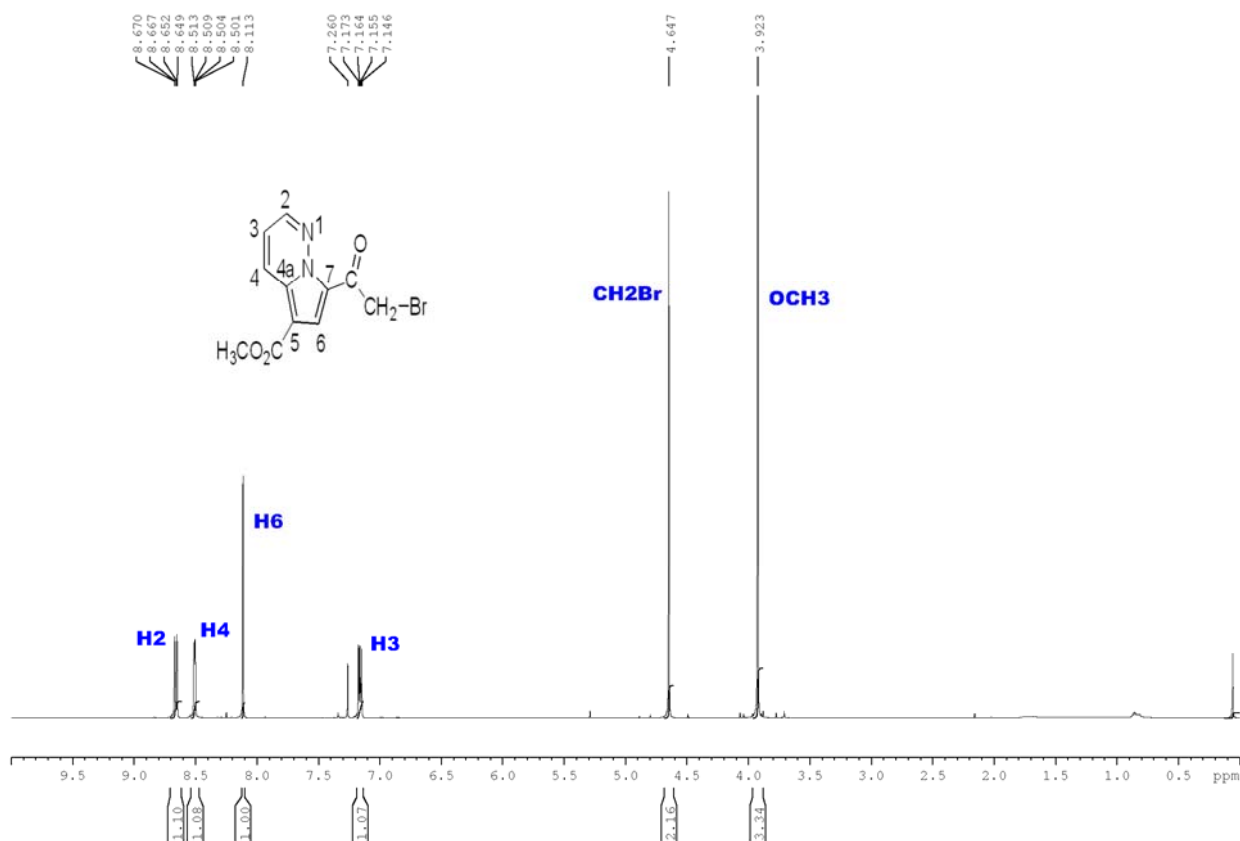
S4b Fig. ¹³C NMR spectrum of the compound 10.



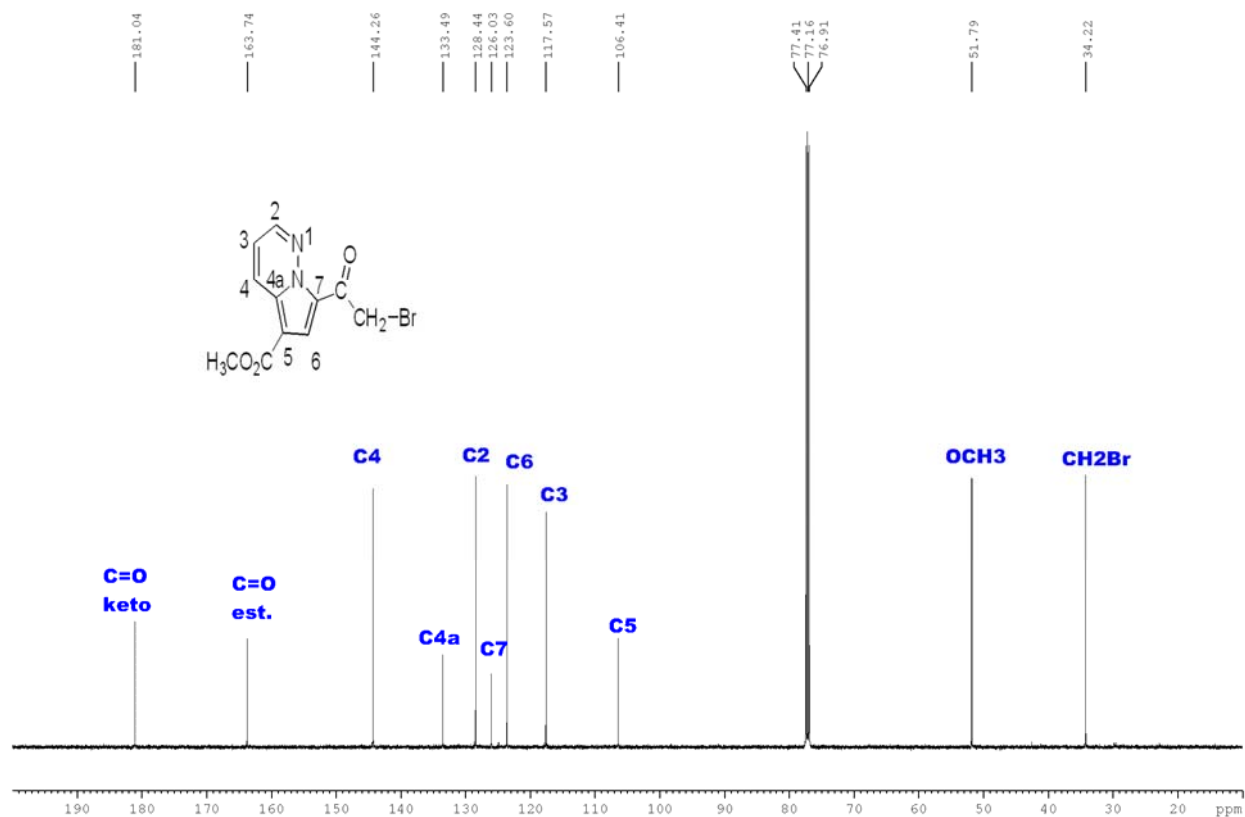
S5a Fig. ¹H NMR spectrum of the compound 11.



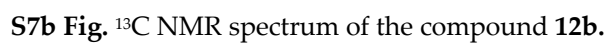
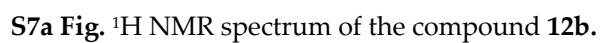
S5b Fig. ¹³C NMR spectrum of the compound 11.

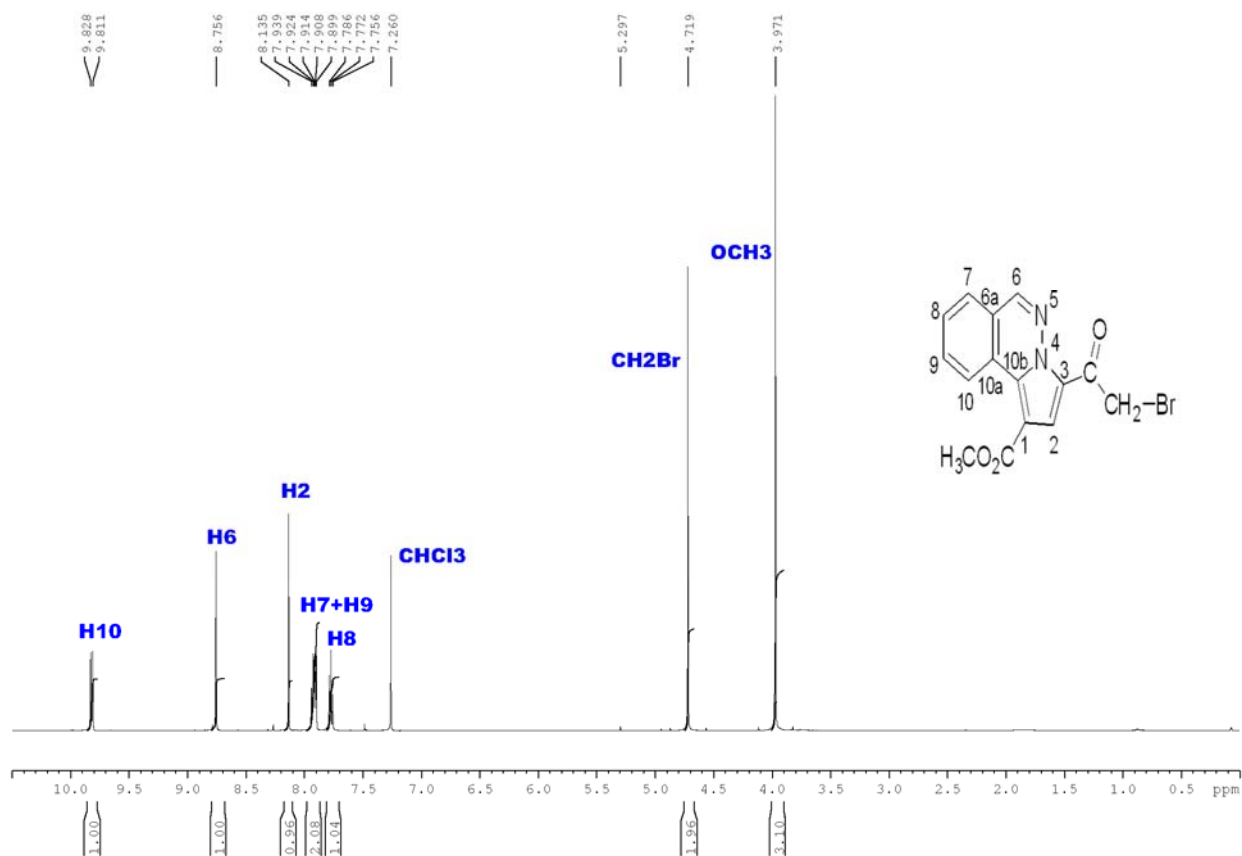


S6a Fig. ¹H NMR spectrum of the compound 12a.

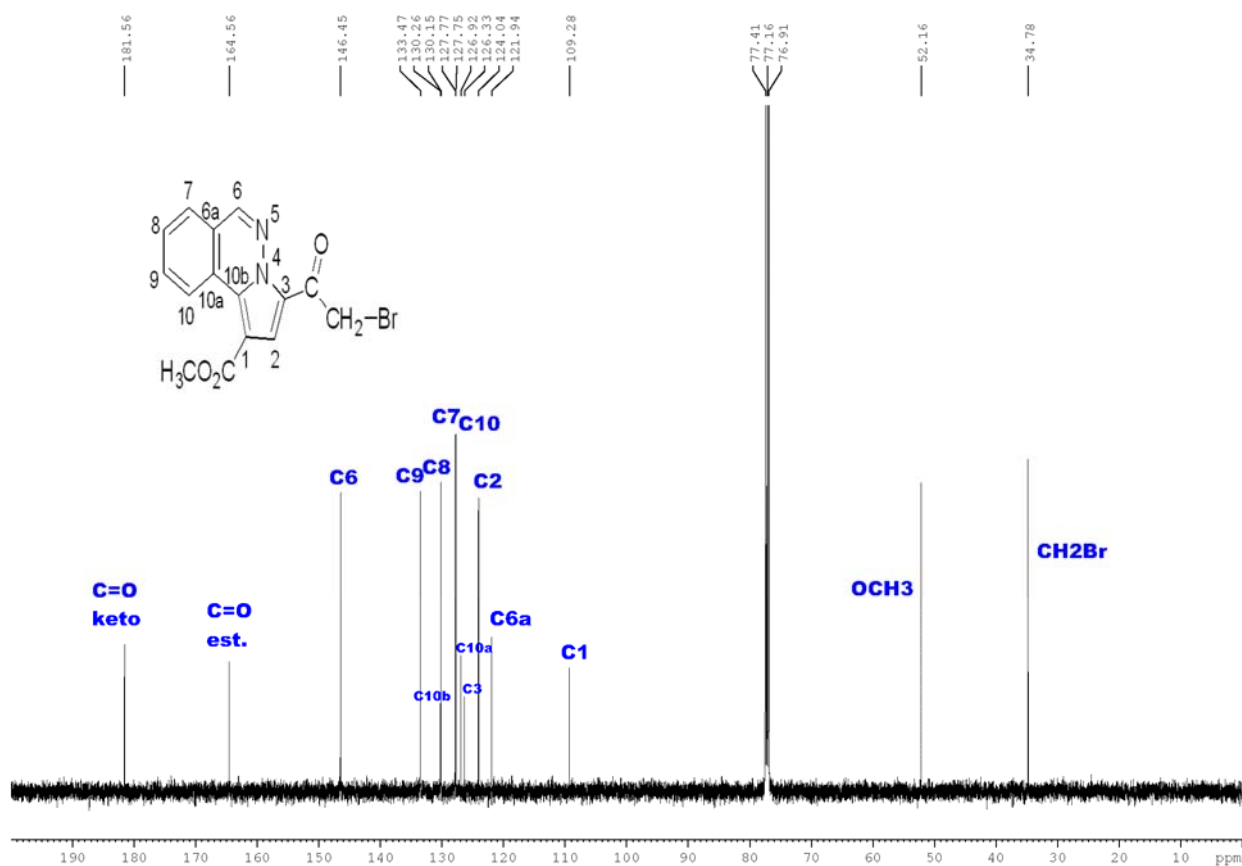


S6b Fig. ¹³C NMR spectrum of the compound 12a.

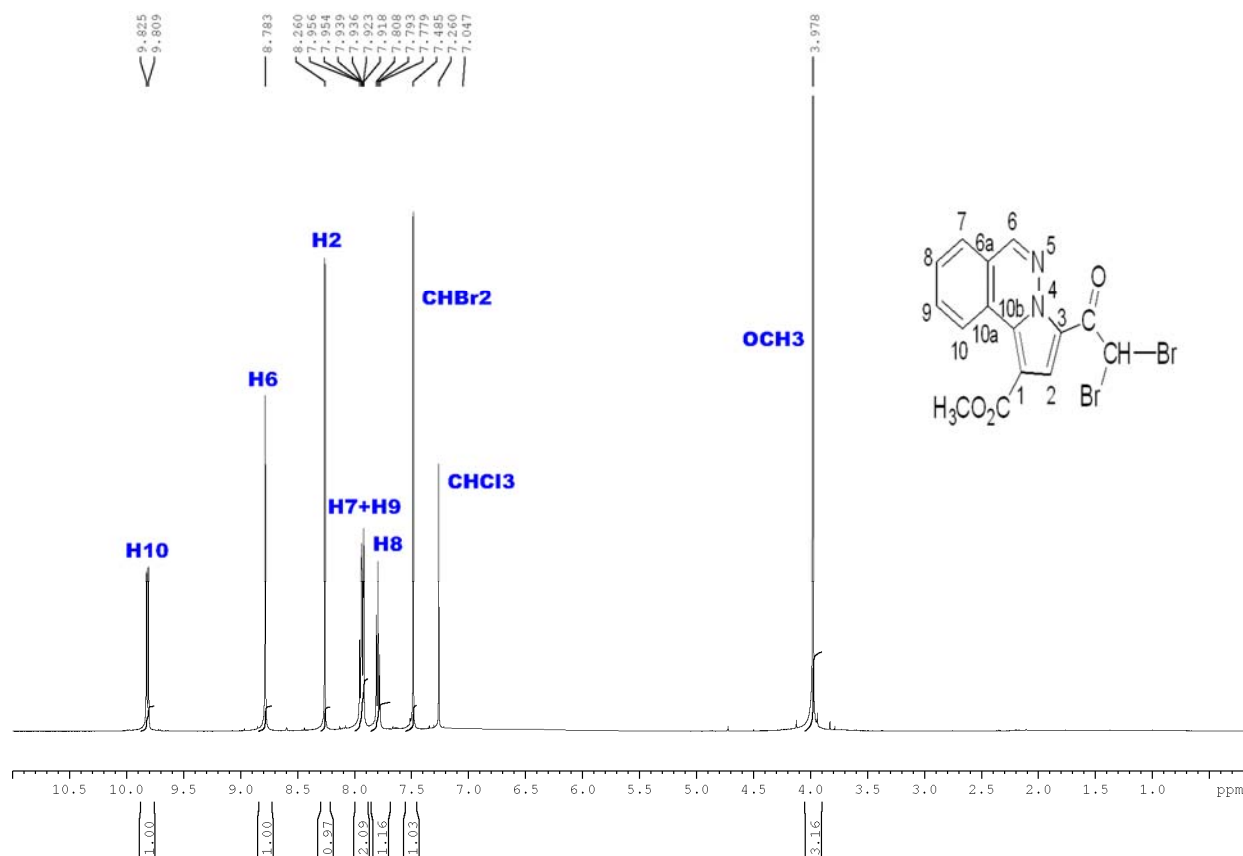




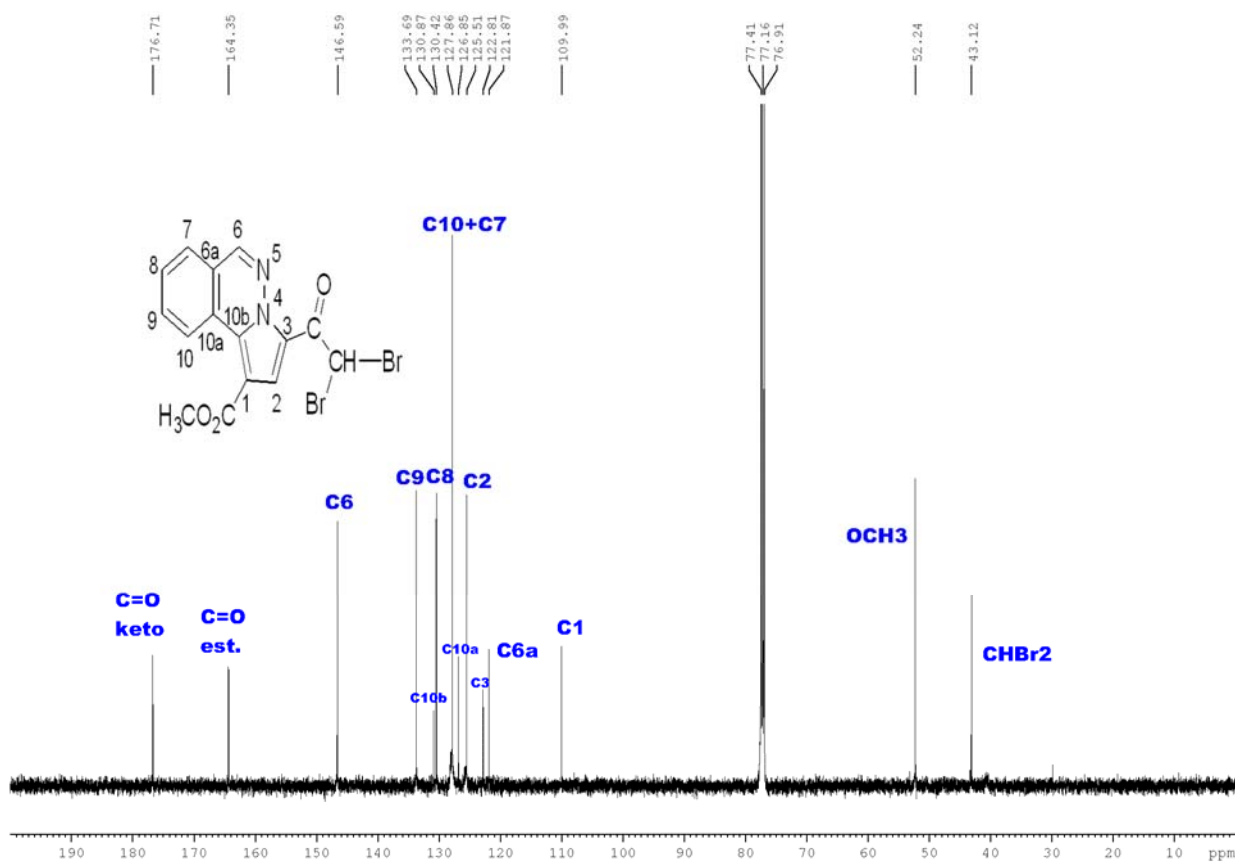
S8a Fig. ¹H NMR spectrum of the compound 13a.



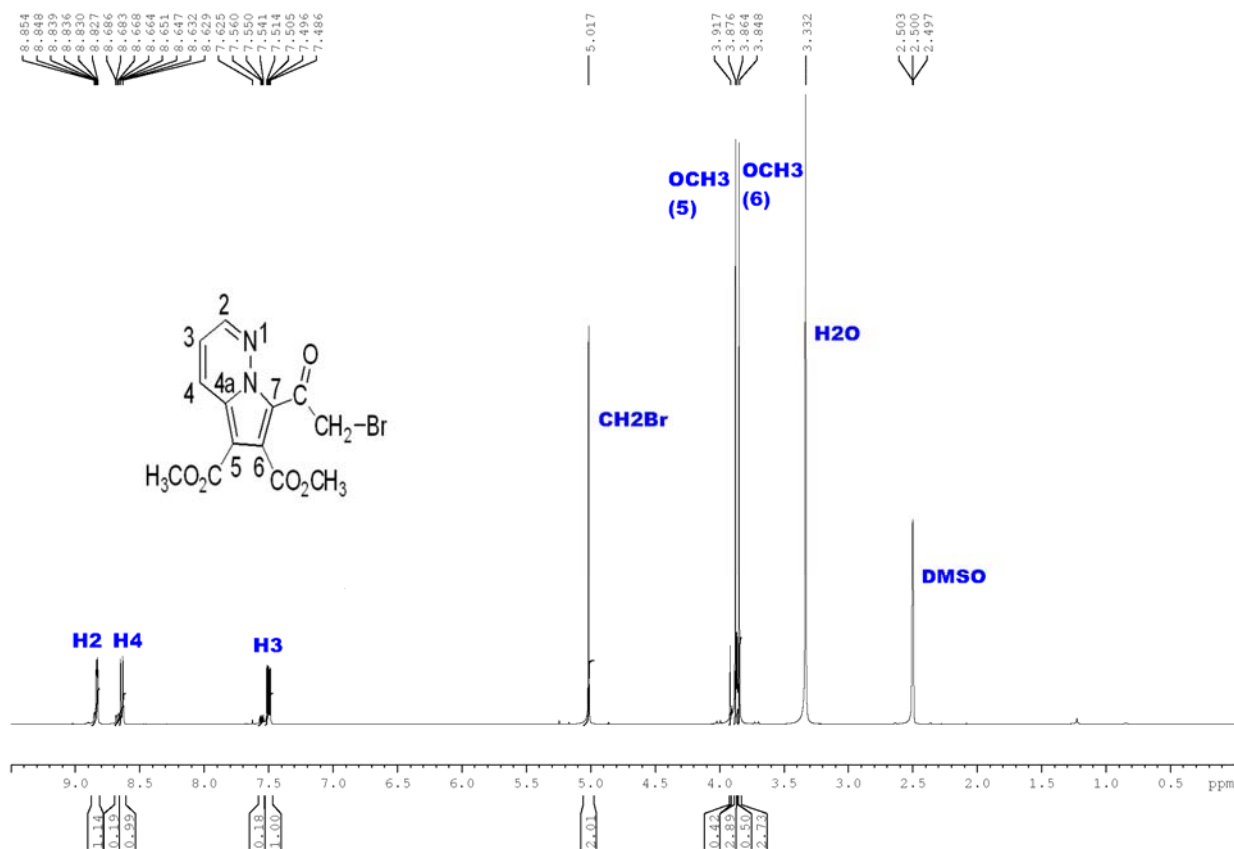
S8b Fig. ¹³C NMR spectrum of the compound 13a.



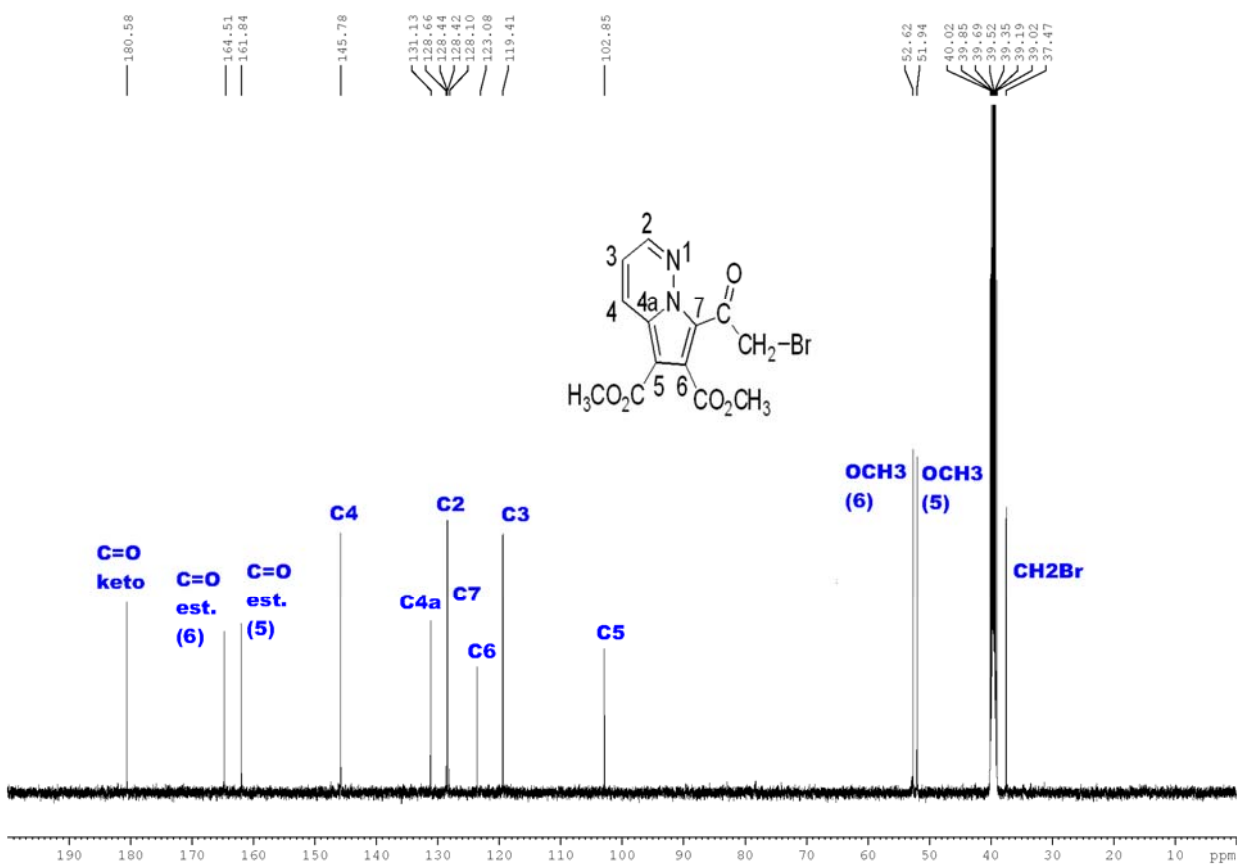
S9a Fig. ¹H NMR spectrum of the compound 13b.



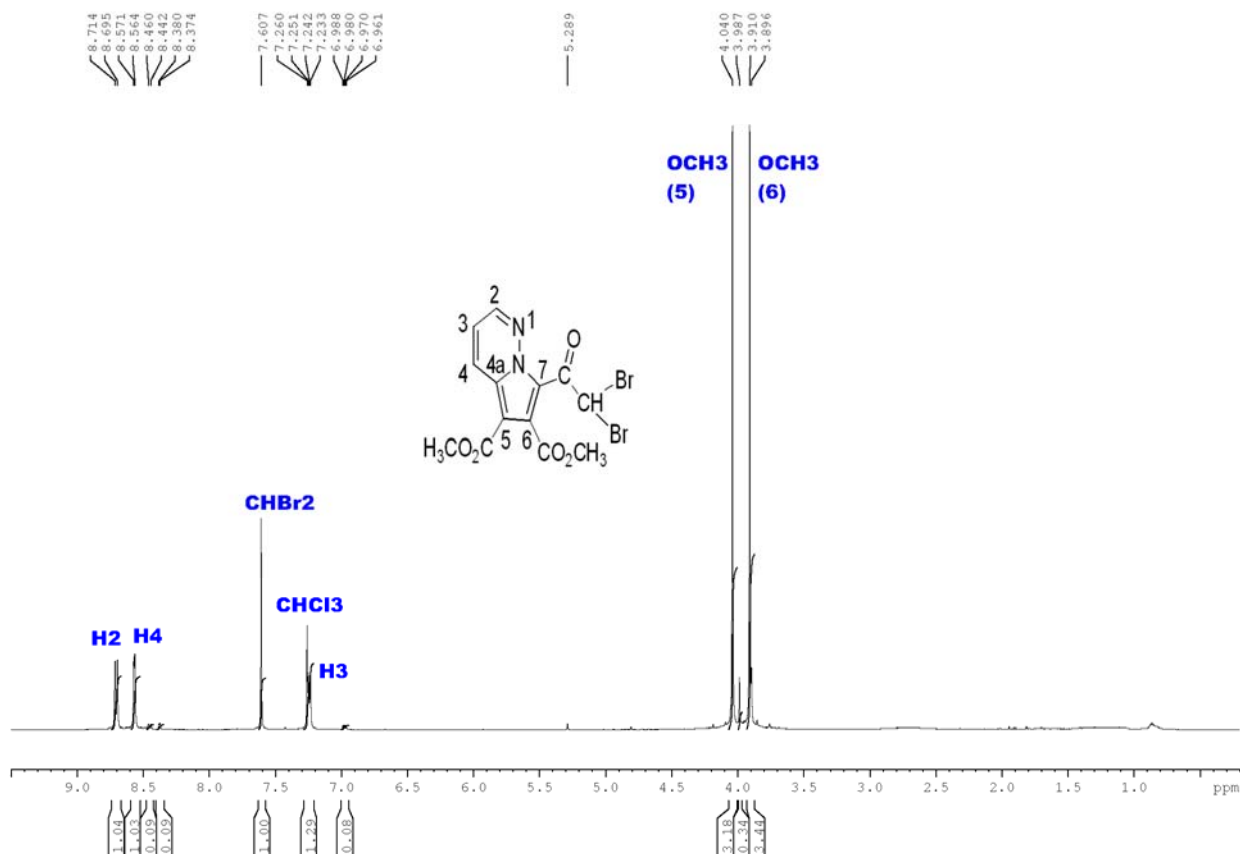
S9b Fig. ¹³C NMR spectrum of the compound 13b.



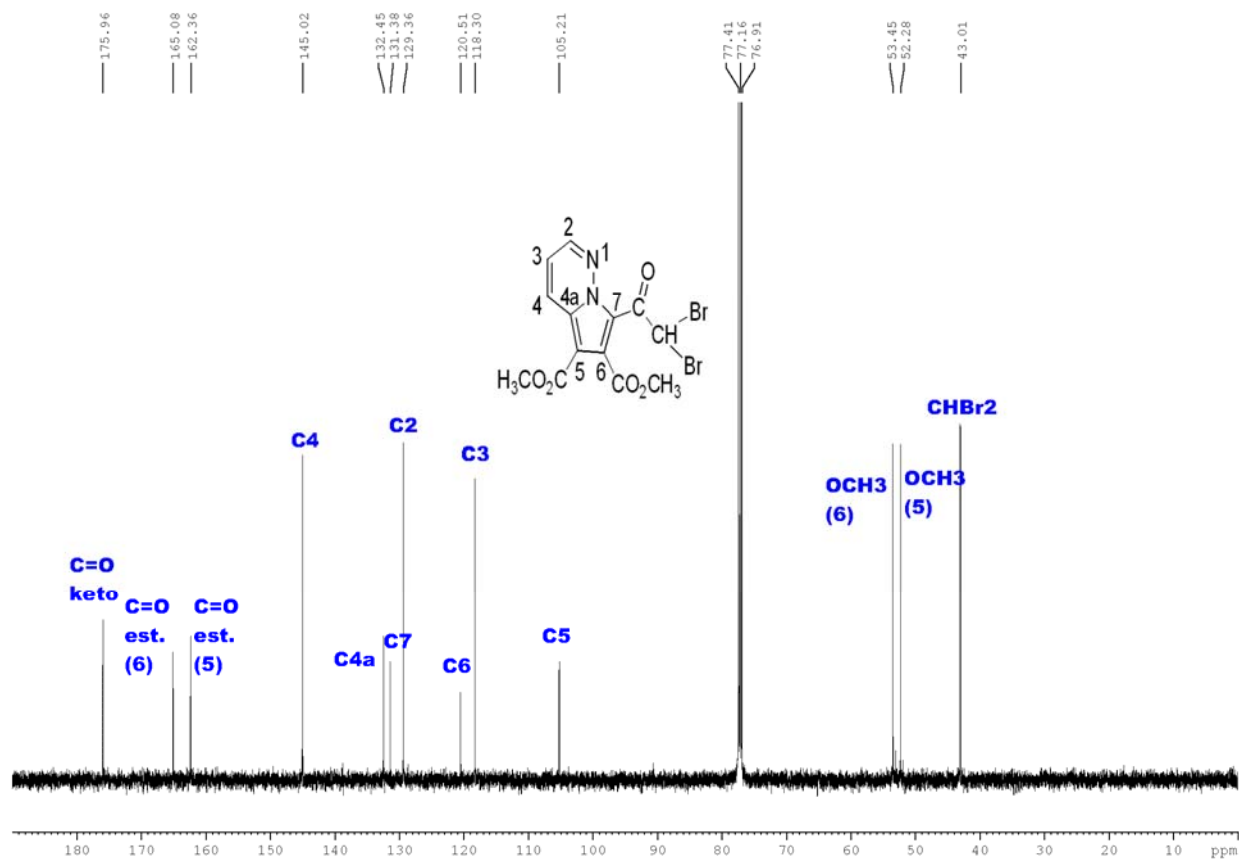
S10a Fig. ¹H NMR spectrum of the compound 14a.



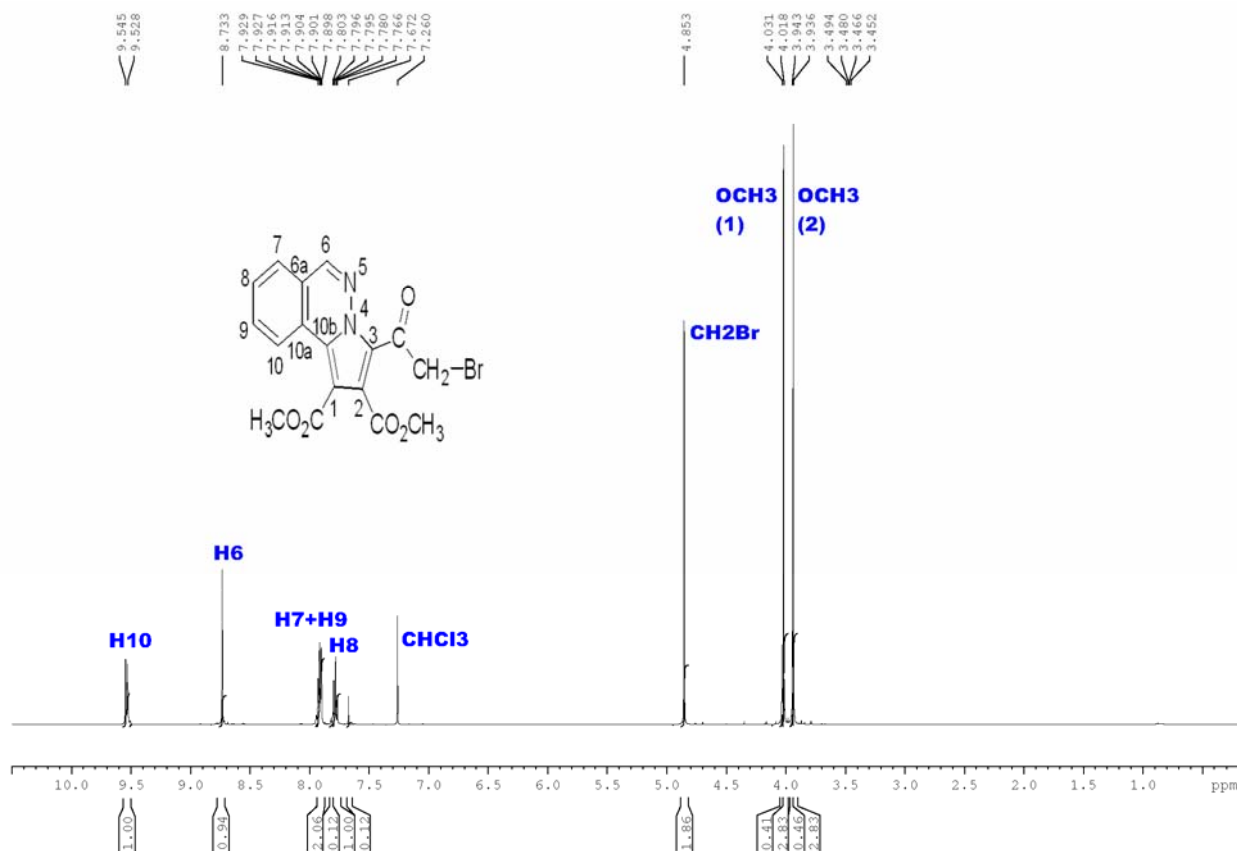
S10b Fig. ¹³C NMR spectrum of the compound 14a.



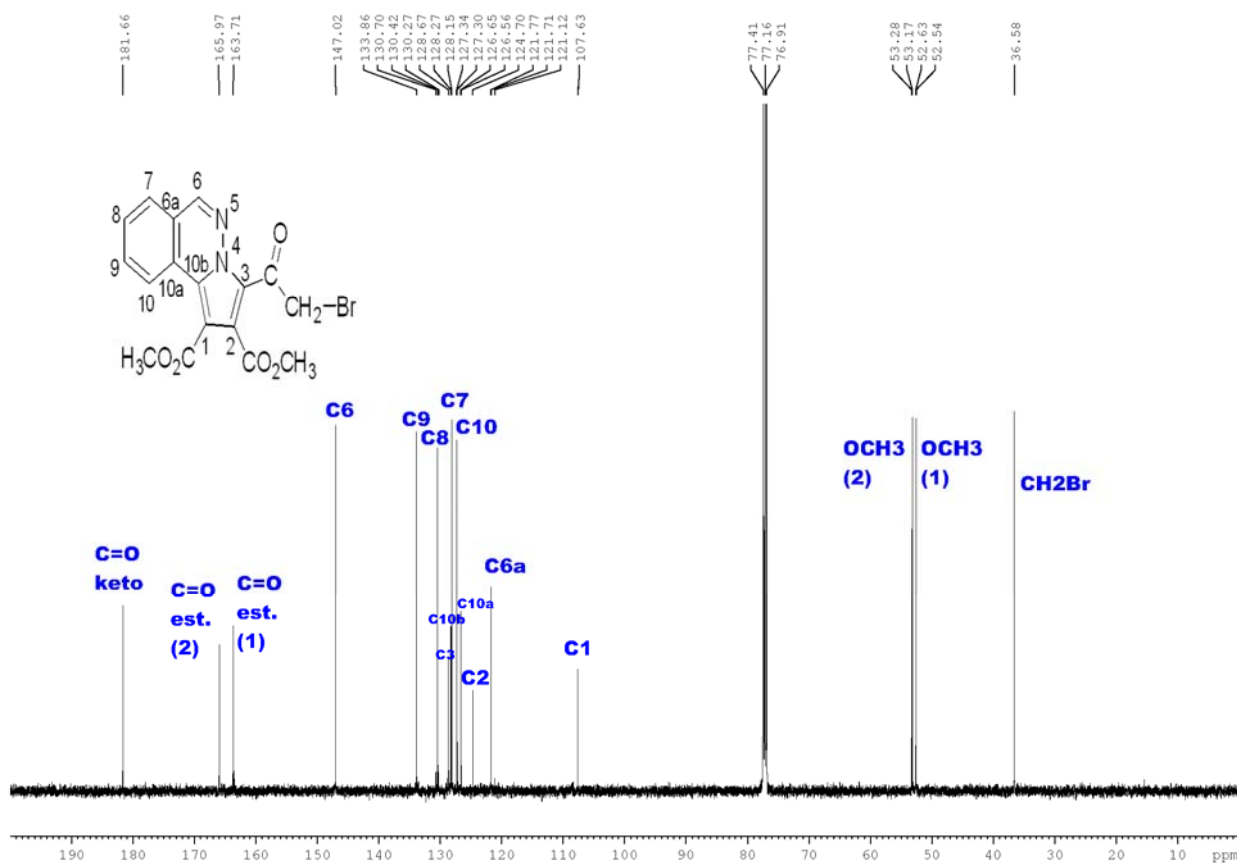
S11a Fig. ¹H NMR spectrum of the compound 14b.



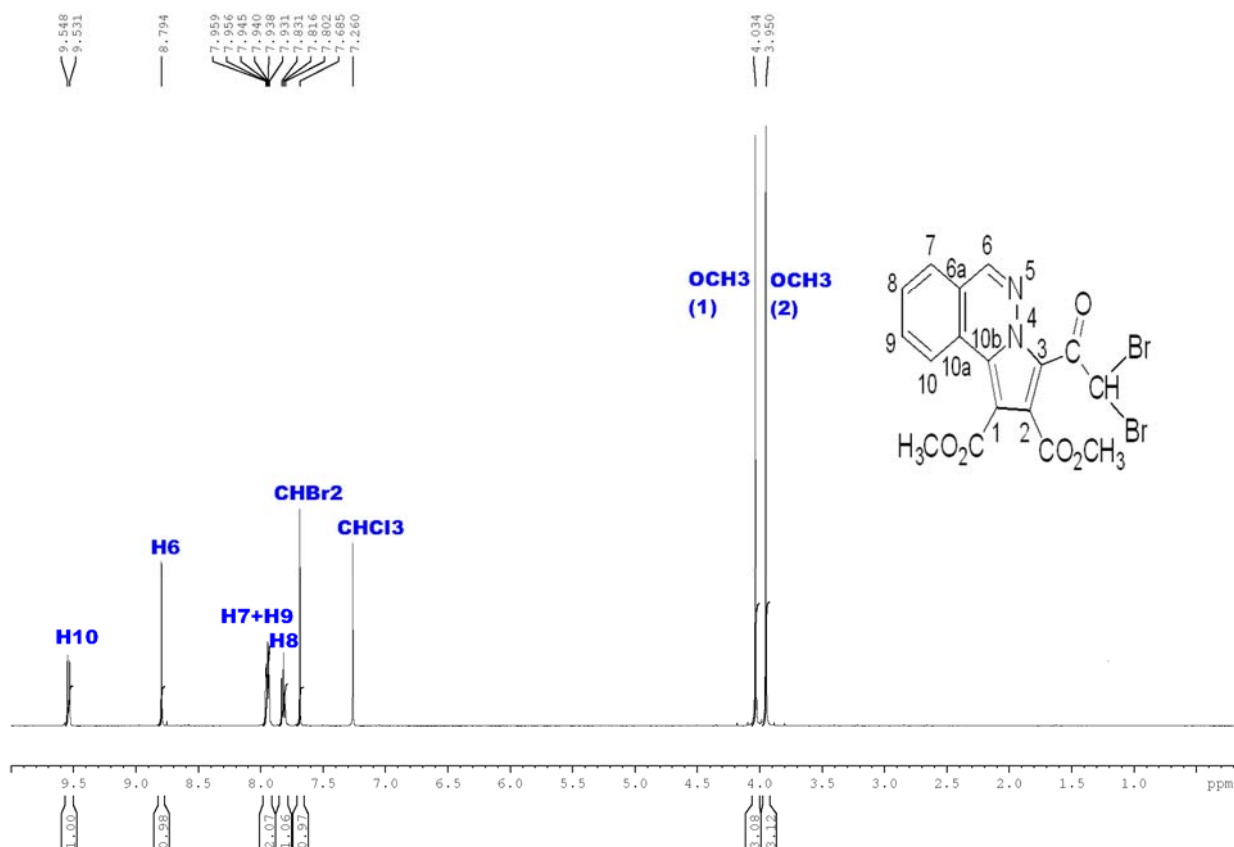
S11b Fig. ¹³C NMR spectrum of the compound 14b.



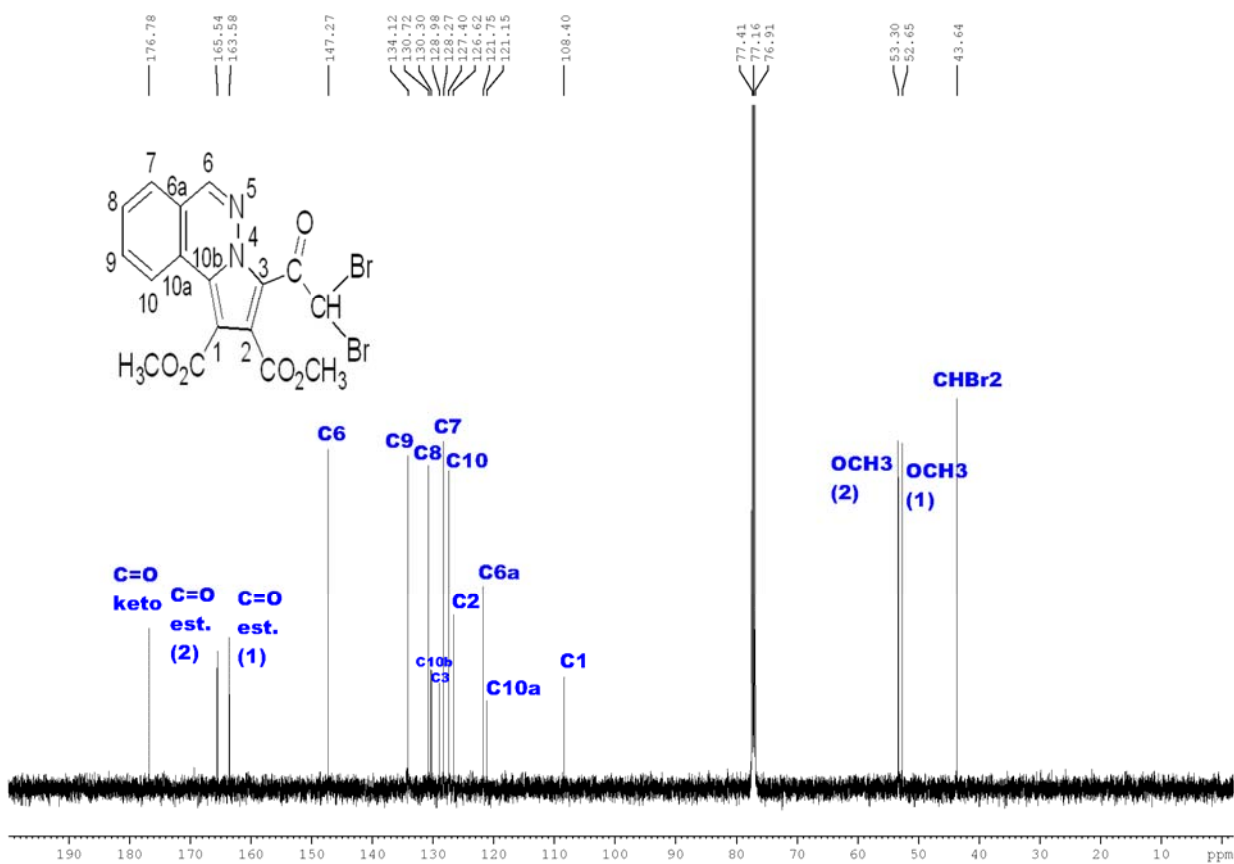
S12a Fig. ¹H NMR spectrum of the compound 15a.



S12b Fig. ¹³C NMR spectrum of the compound 15a.



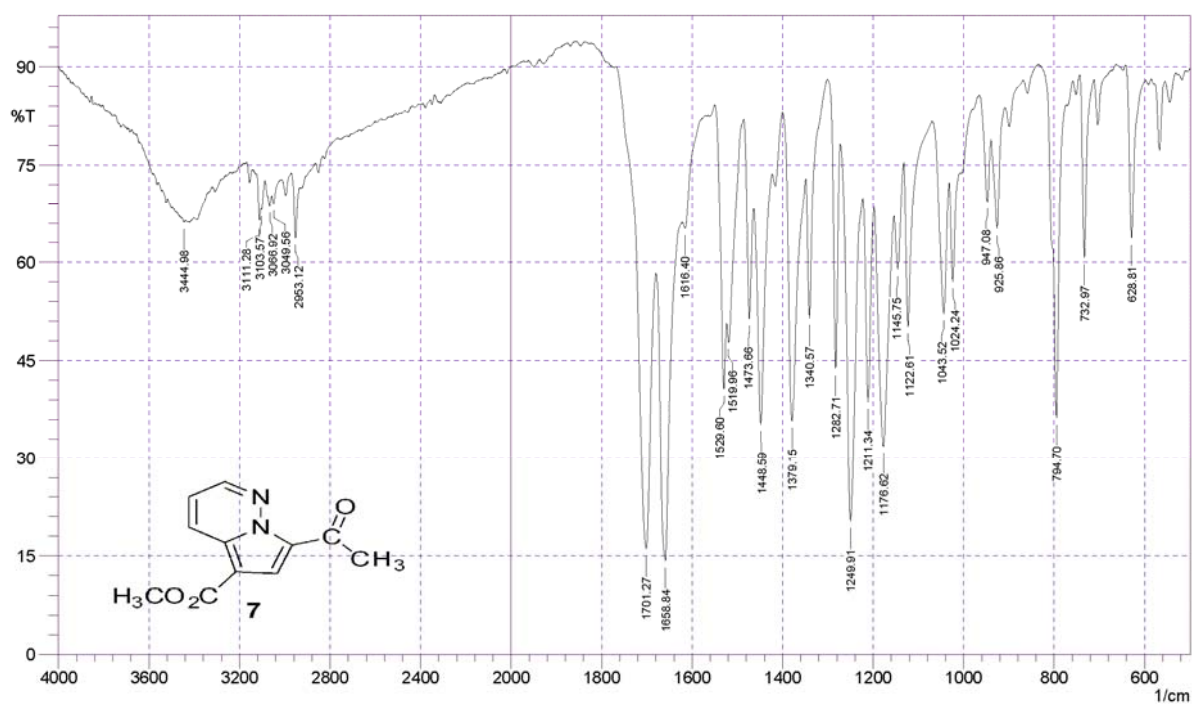
S13a Fig. ¹H NMR spectrum of the compound 15b.



S13b Fig. ¹³C NMR spectrum of the compound 15b.

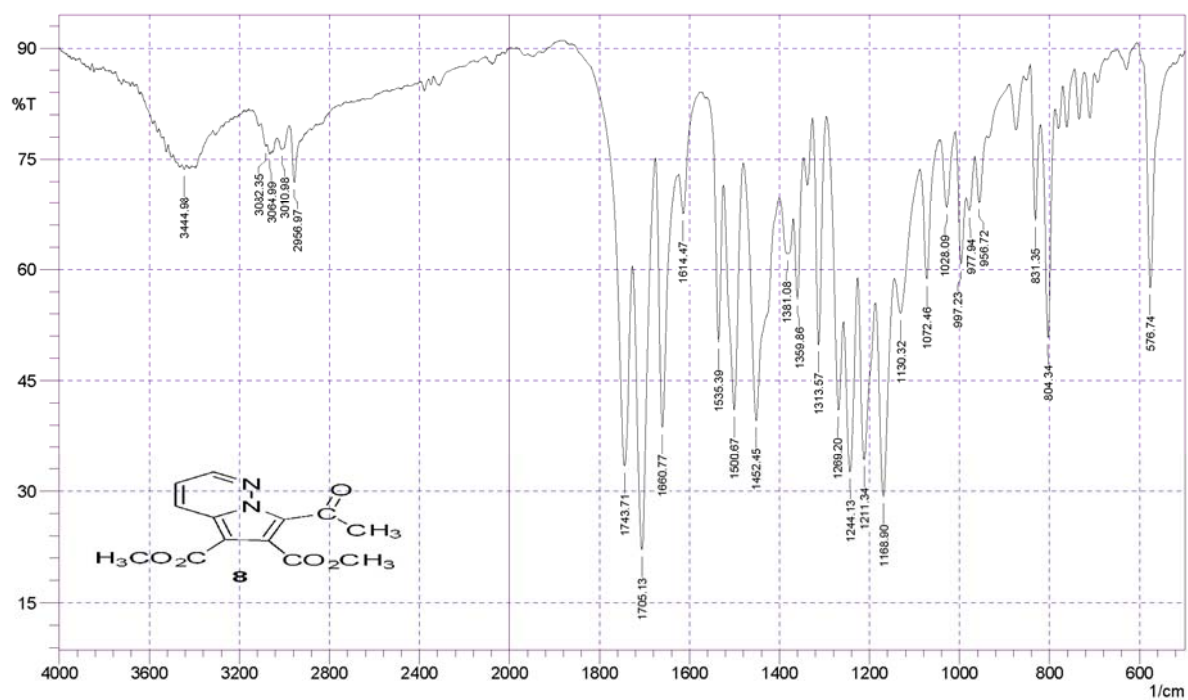
2. IR Spectra of the obtained compounds.

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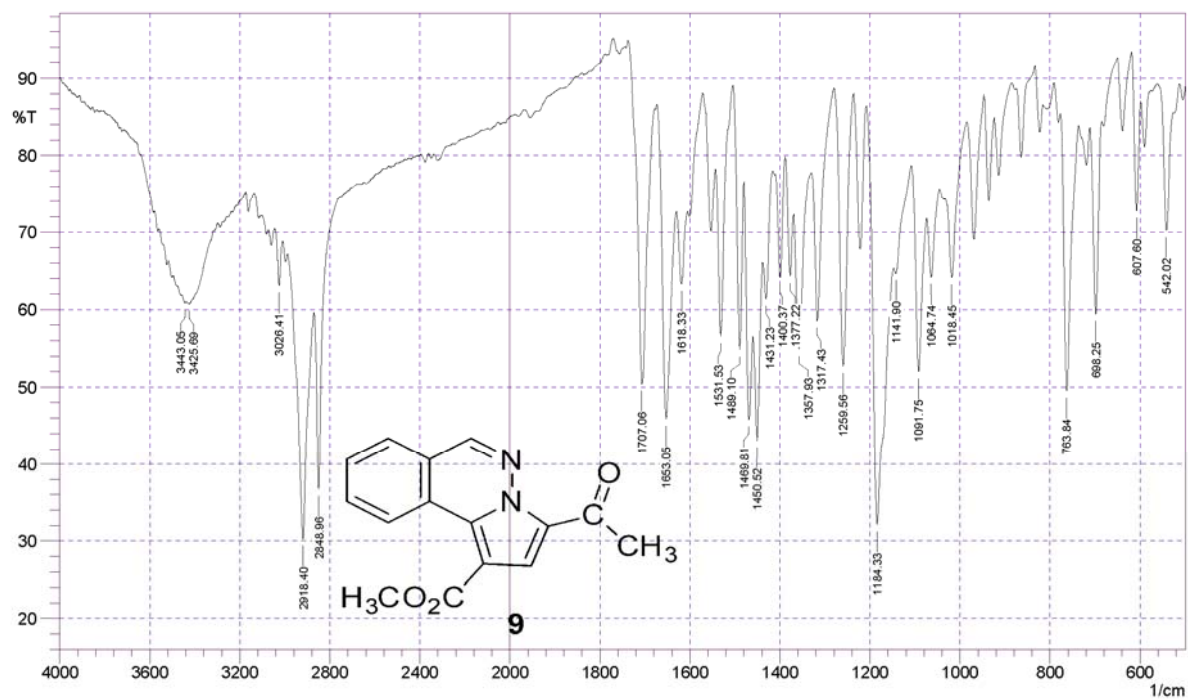


S14 Fig. IR spectrum of the compound 7.

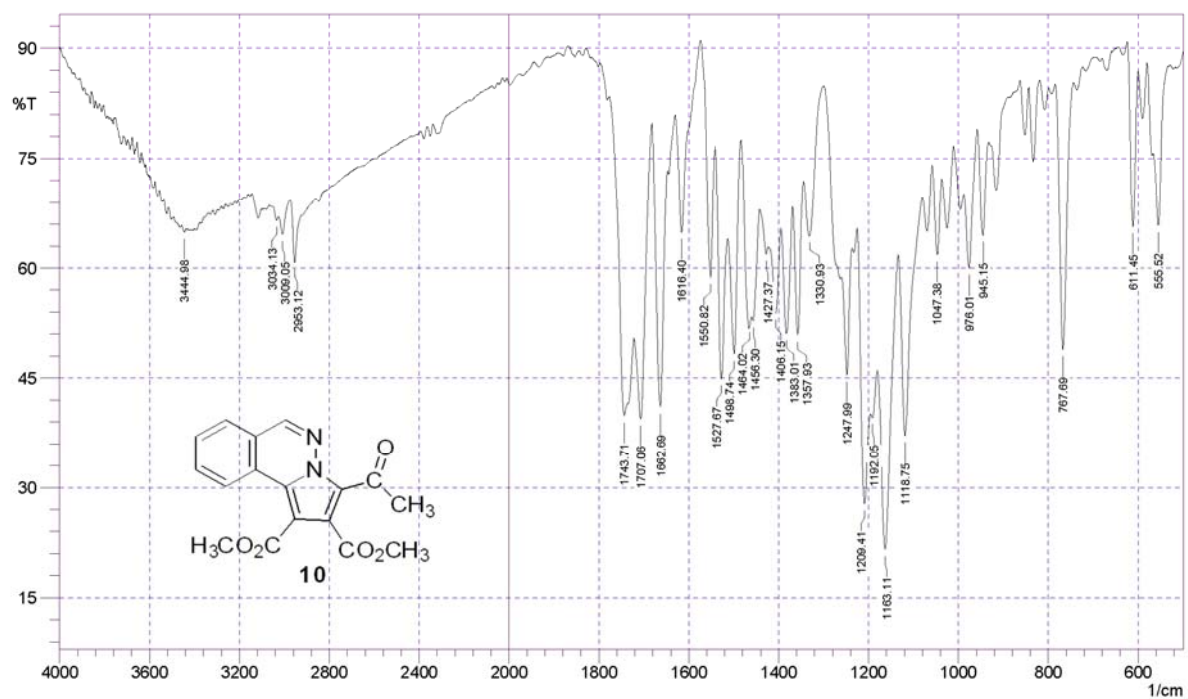
SHIMADZU



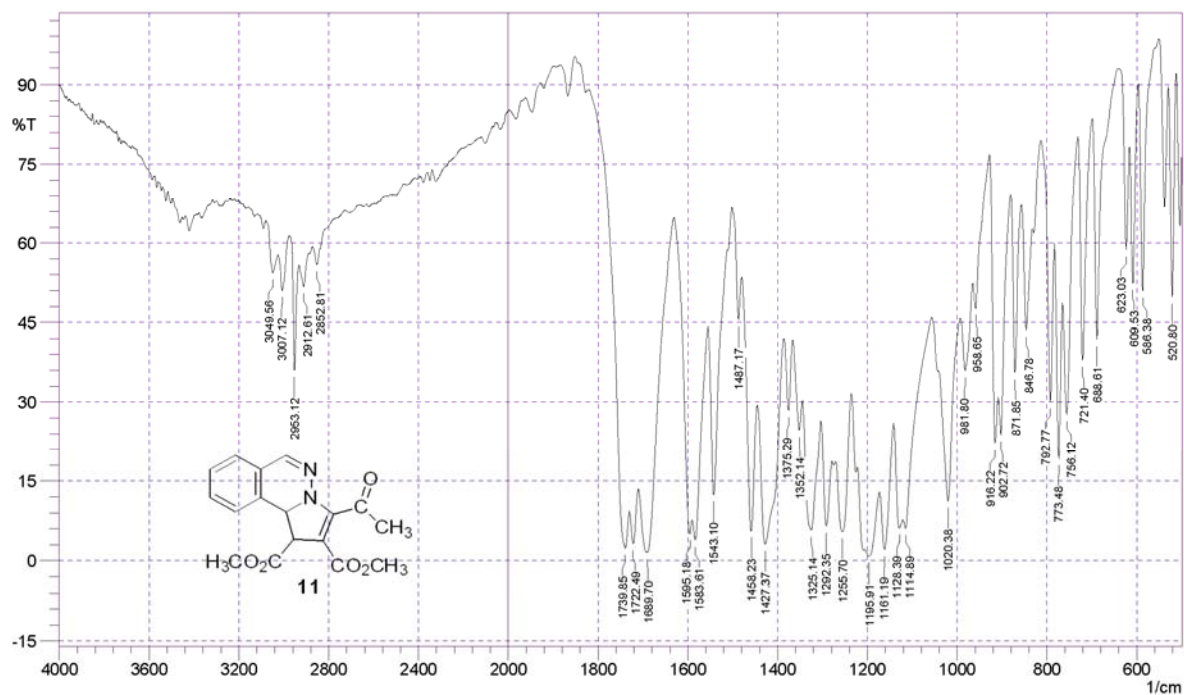
S15 Fig. IR spectrum of the compound 8.



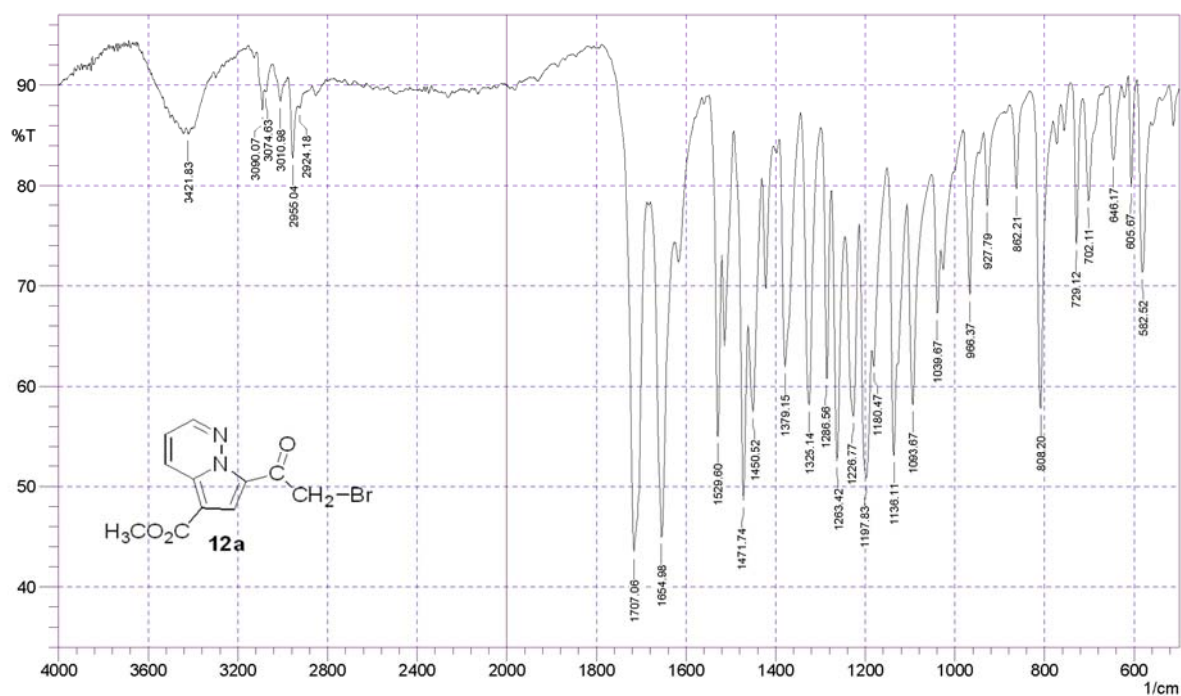
S16 Fig. IR spectrum of the compound 9.



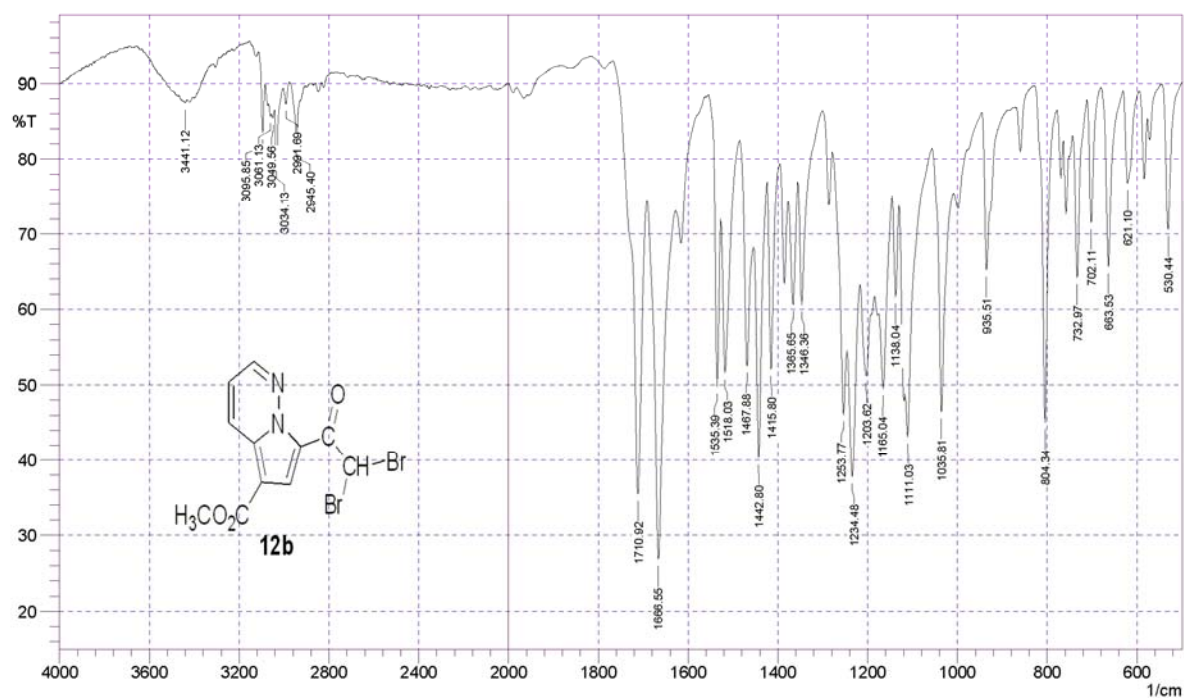
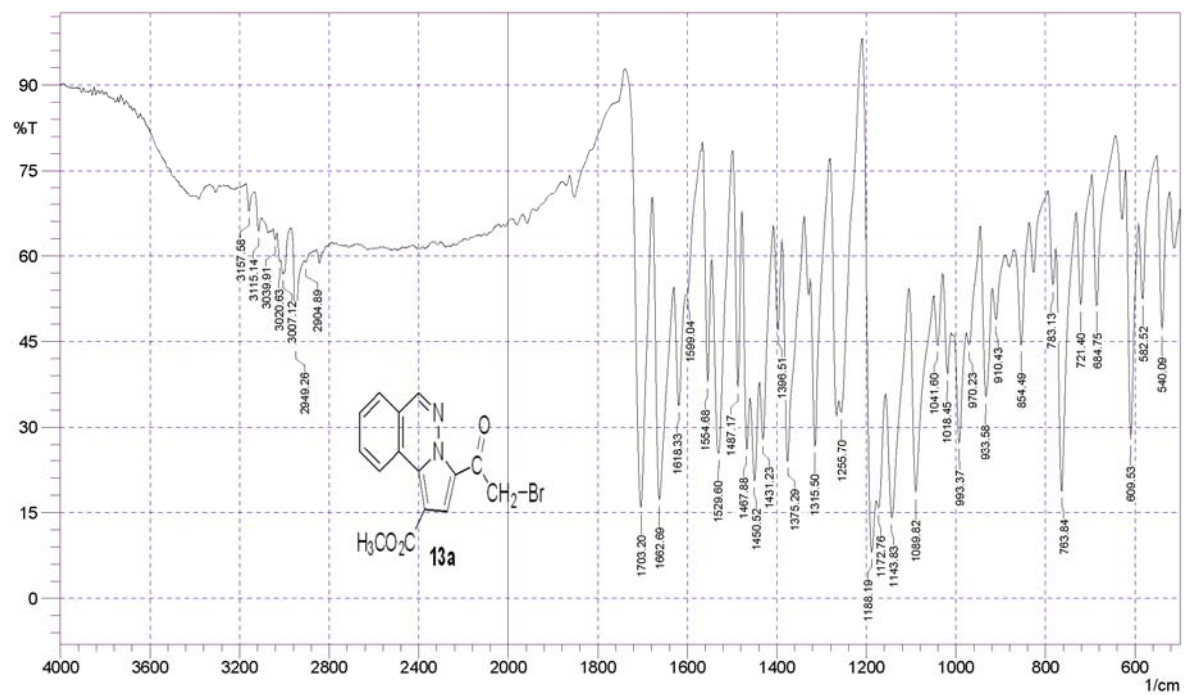
S17 Fig. IR spectrum of the compound 10.

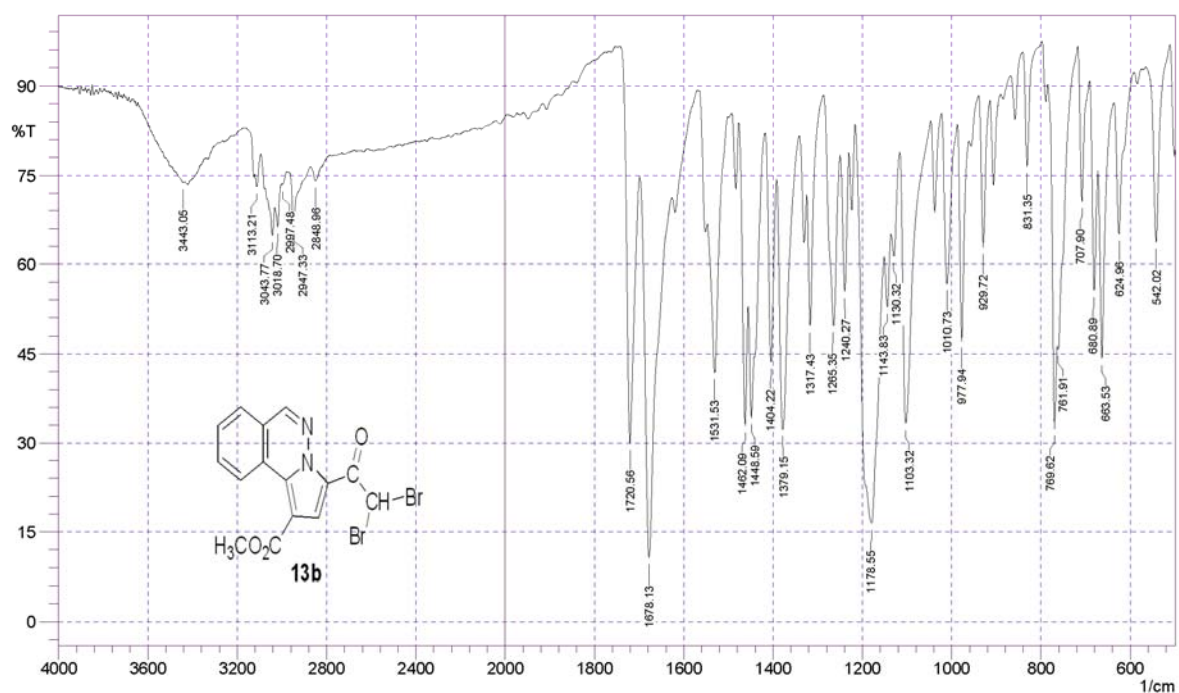
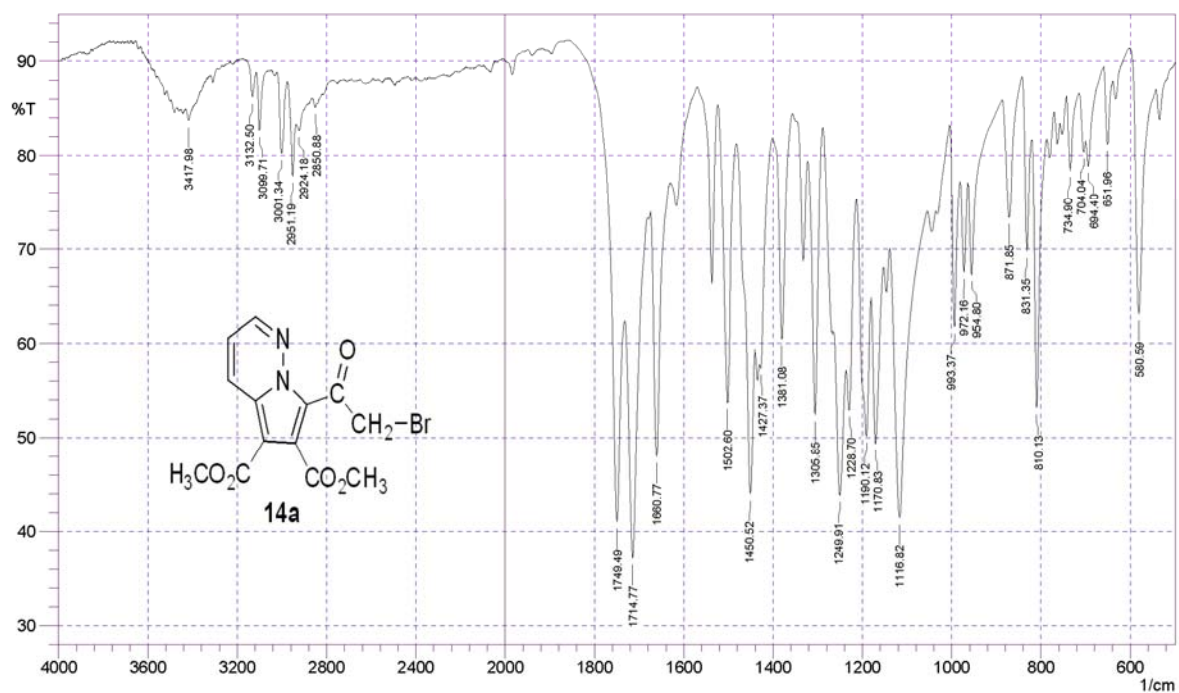


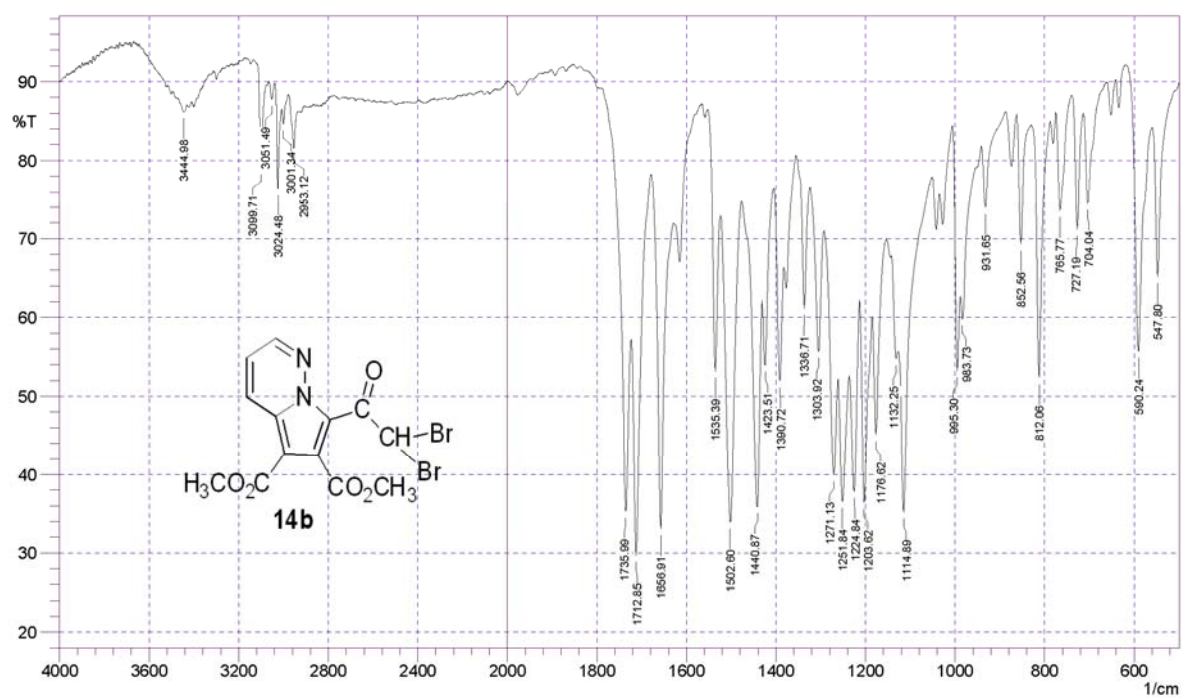
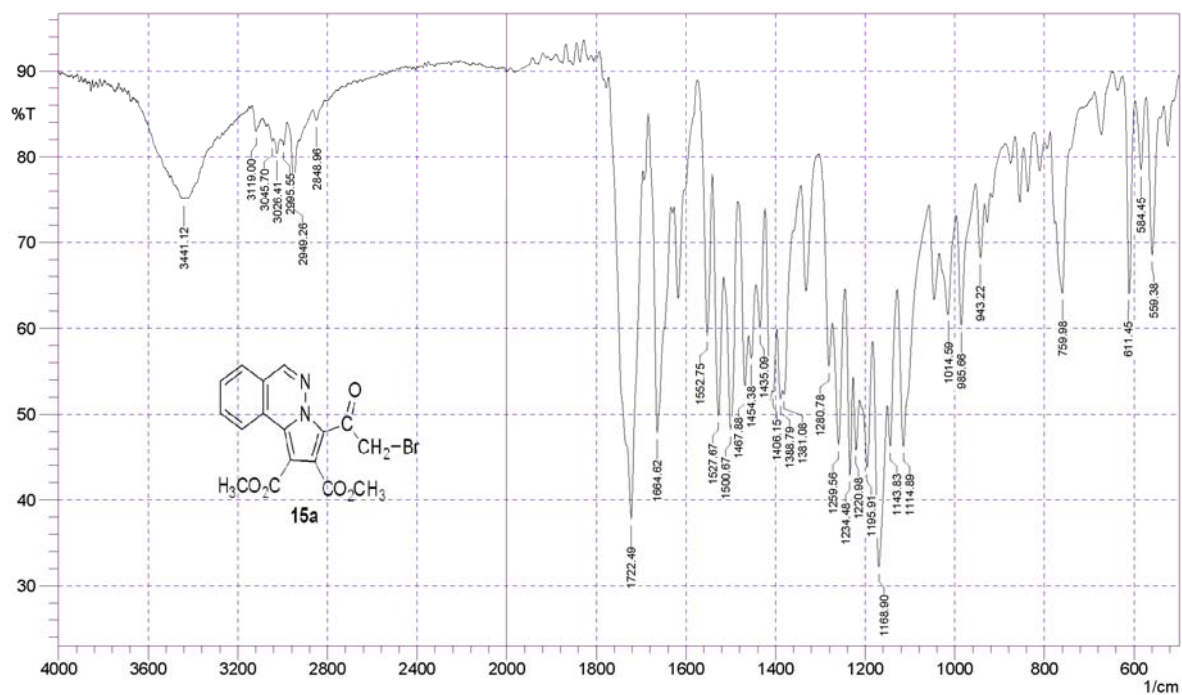
S18 Fig. IR spectrum of the compound 11.

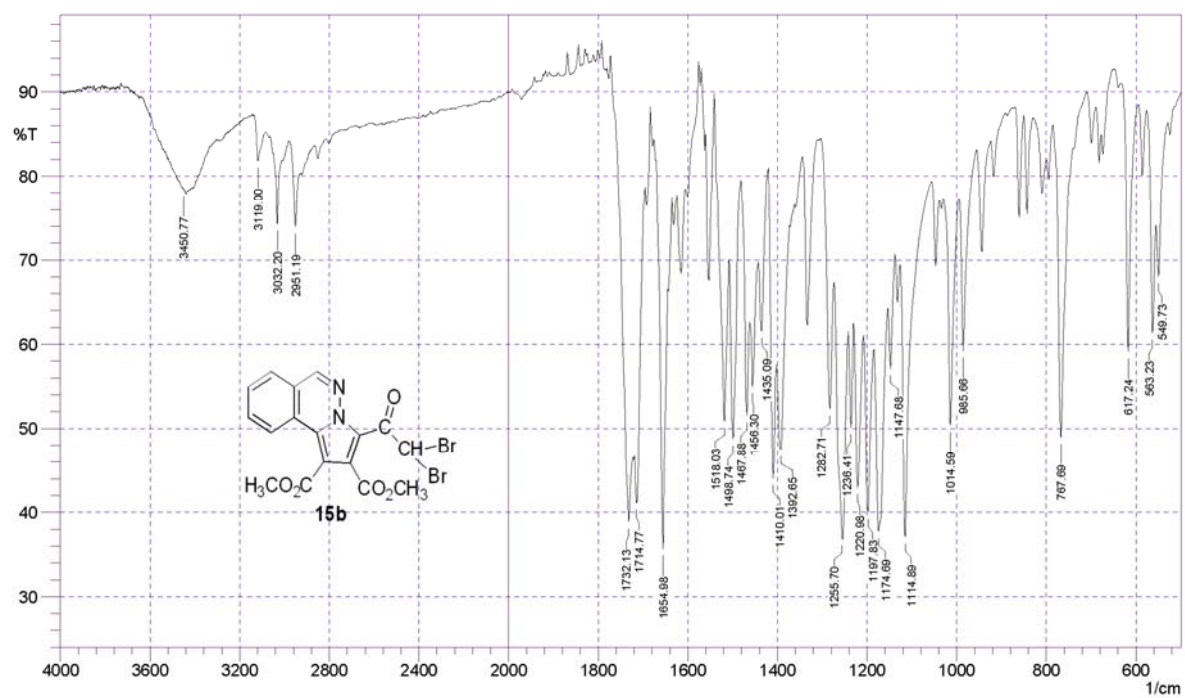


S19 Fig. IR spectrum of the compound 12a.

S20 Fig. IR spectrum of the compound **12b**.S21 Fig. IR spectrum of the compound **13a**.

S22 Fig. IR spectrum of the compound **13b**.S23 Fig. IR spectrum of the compound **14a**.

S24 Fig. IR spectrum of the compound **14b**.S25 Fig. IR spectrum of the compound **15a**.



S26 Fig. IR spectrum of the compound **15b**.