

## **ABSTRACT**

### **AN IMPROVED PROCESS FOR THE PREPARATION OF TICAGRELOR AND INTERMEDIATES THEREOF**

5           The present invention provides a process for preparation of ticagrelor of Formula (I) and intermediates thereof. The present invention provides an improved process for preparation of condensed-nitro compound of Formula (V) and protected-triazole compound of Formula (II). The invention also provides a novel dimeric impurity and a process for its preparation.

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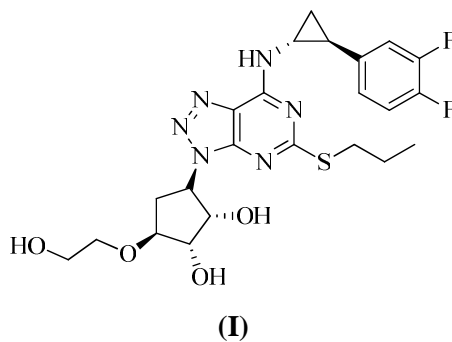
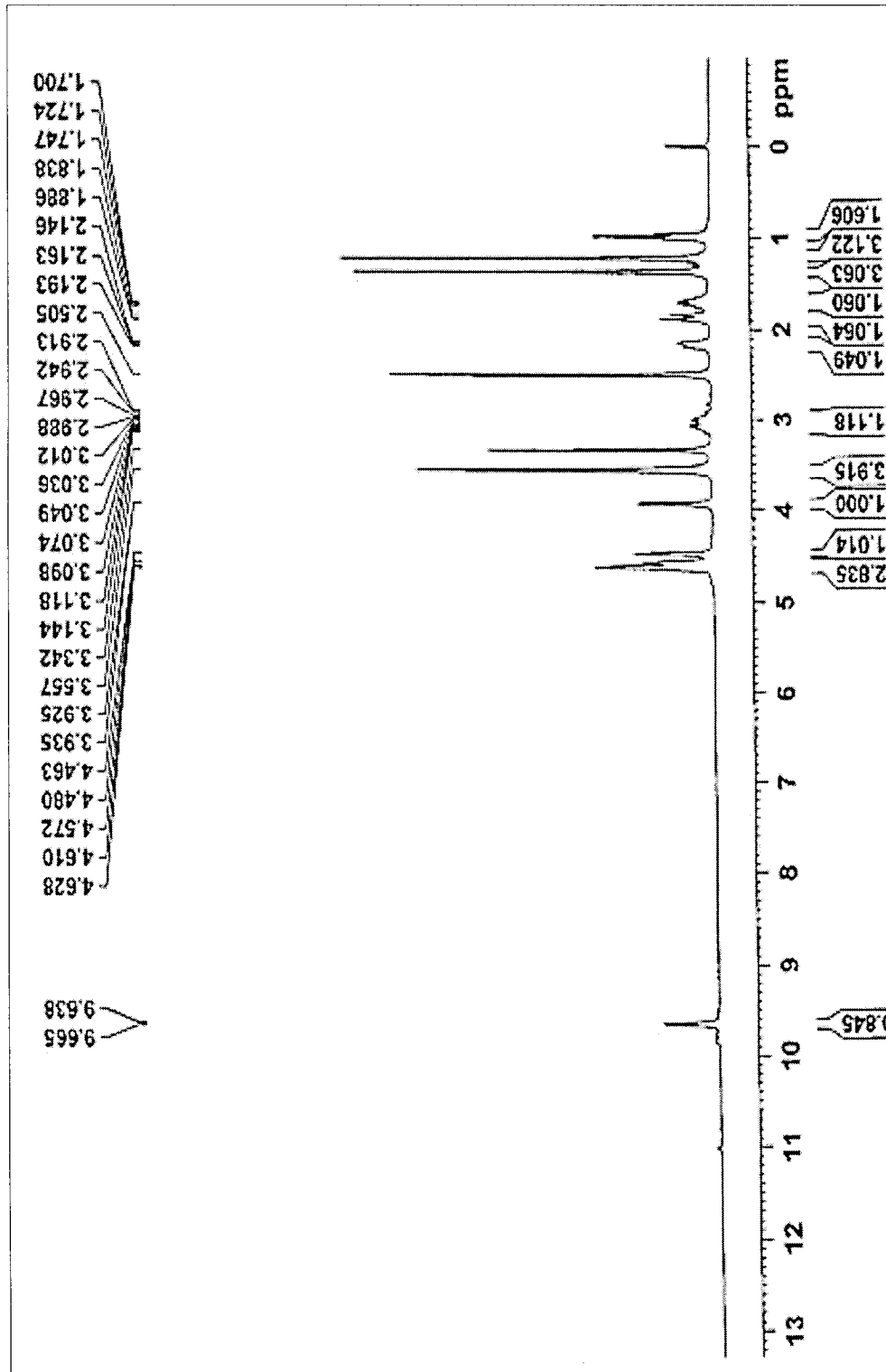
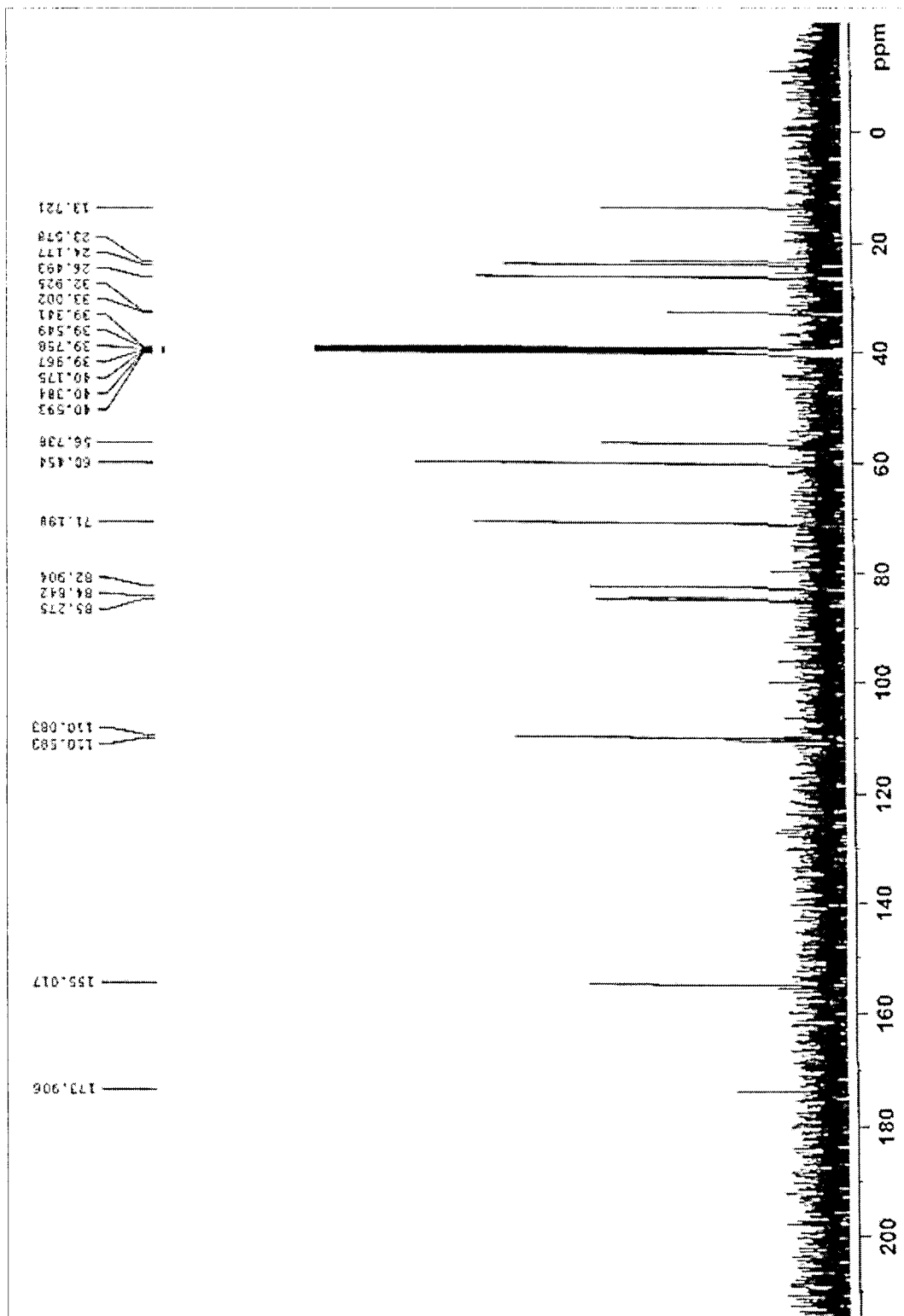


FIG.1



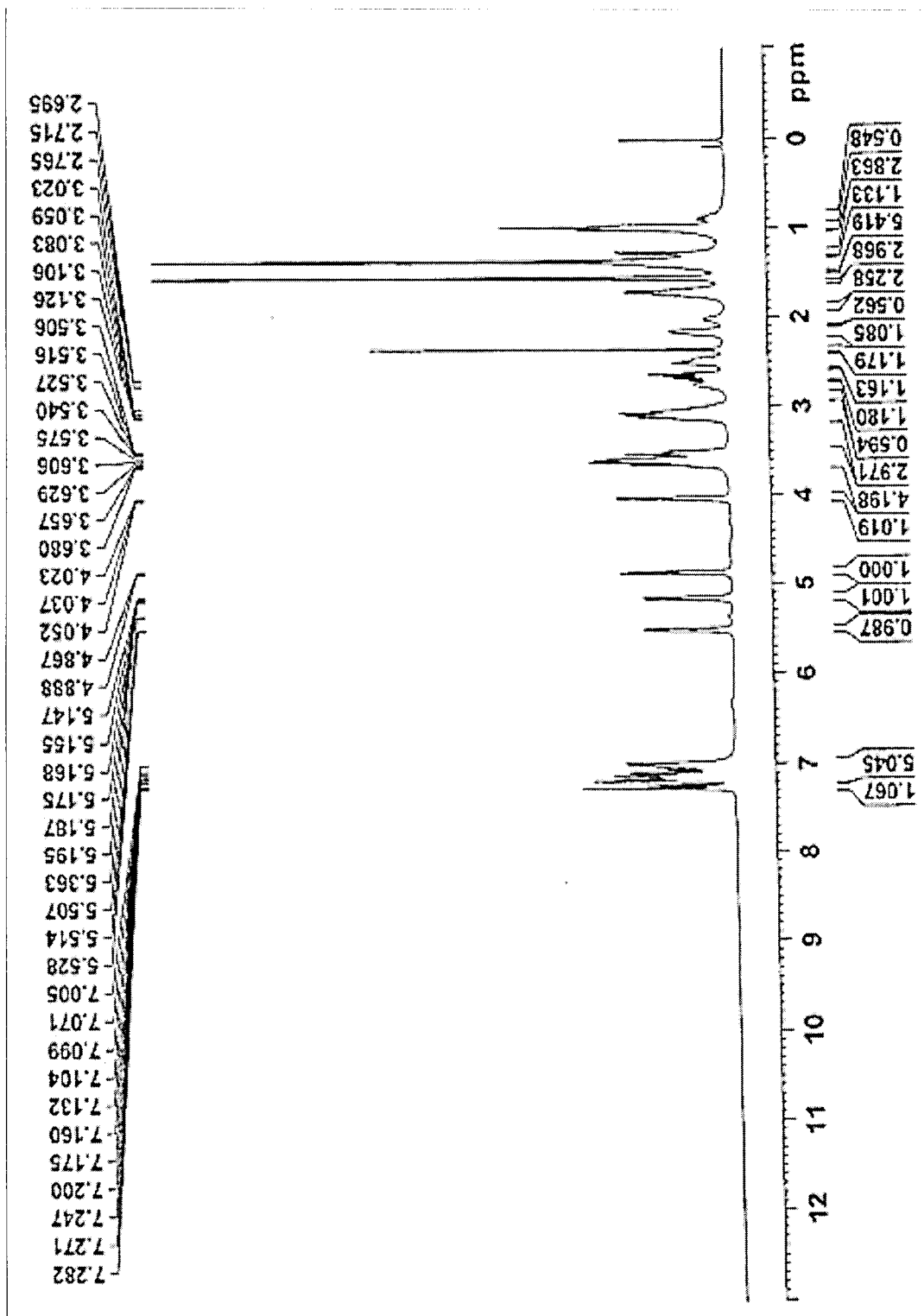
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FIG.2



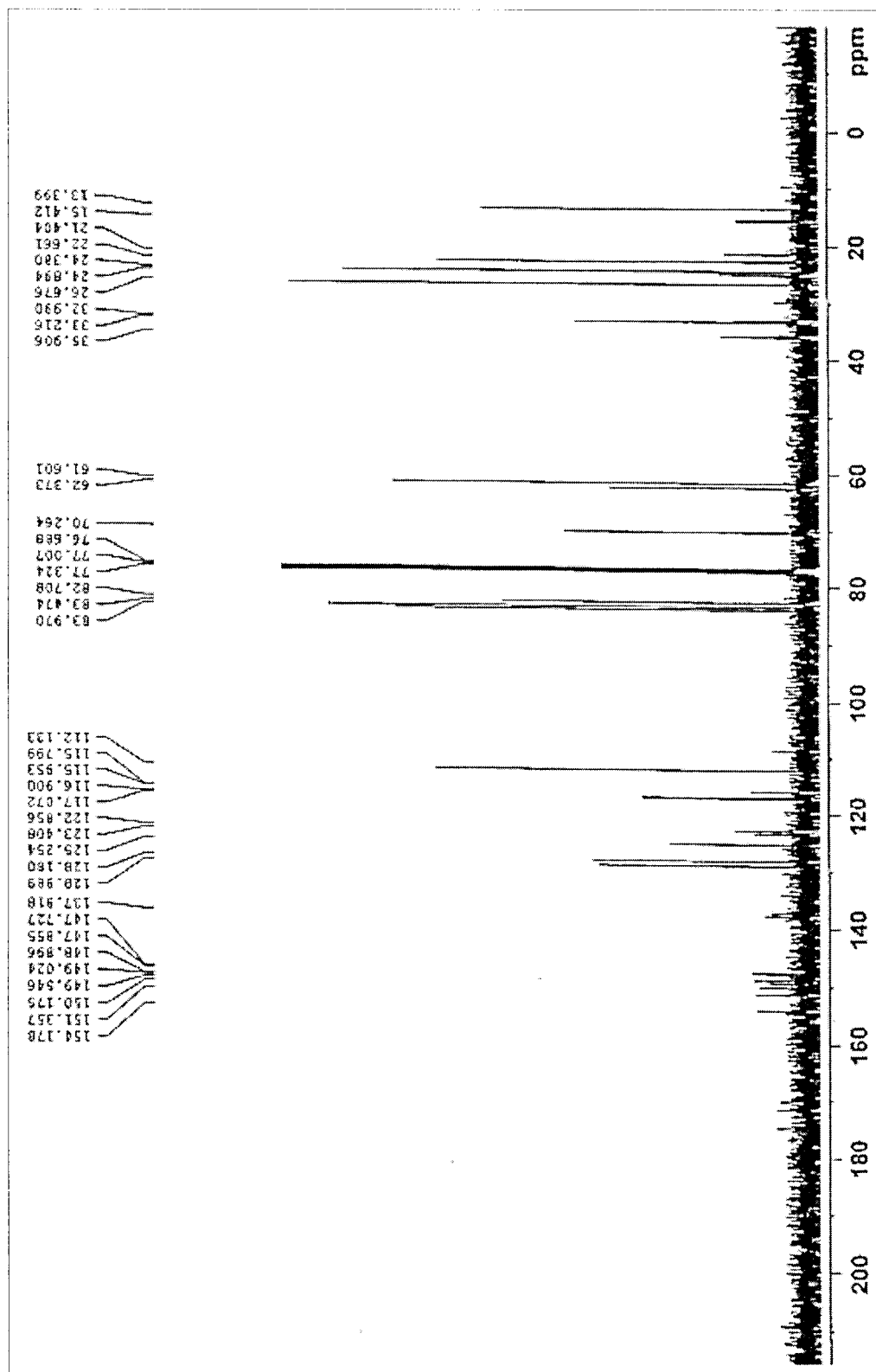
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FIG.3



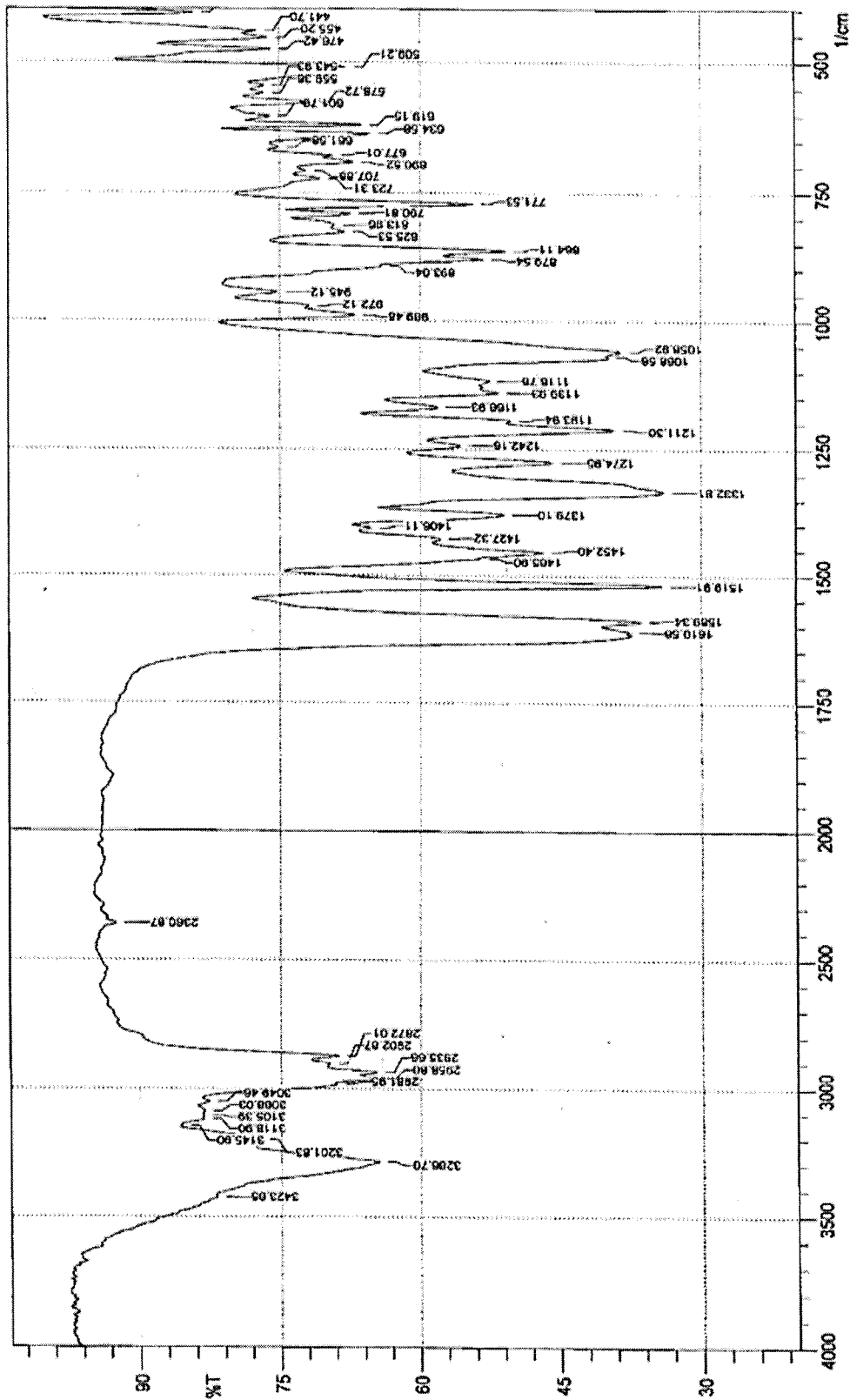
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FIG.4



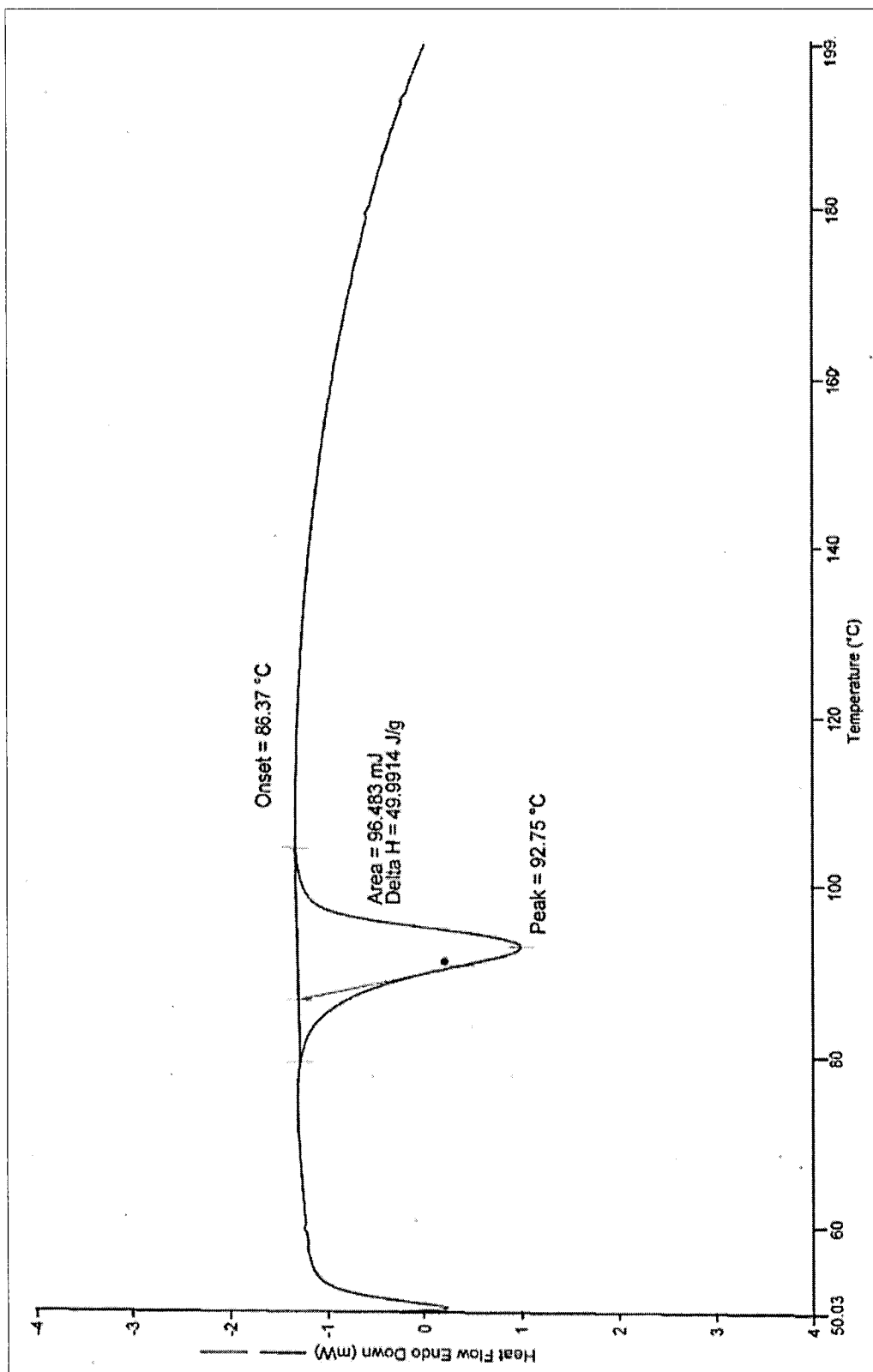
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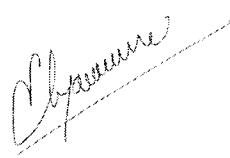
FIG.5



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FIG. 6



  
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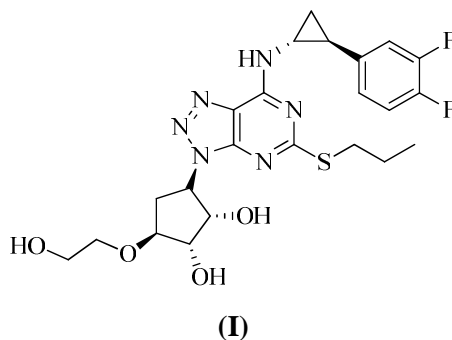
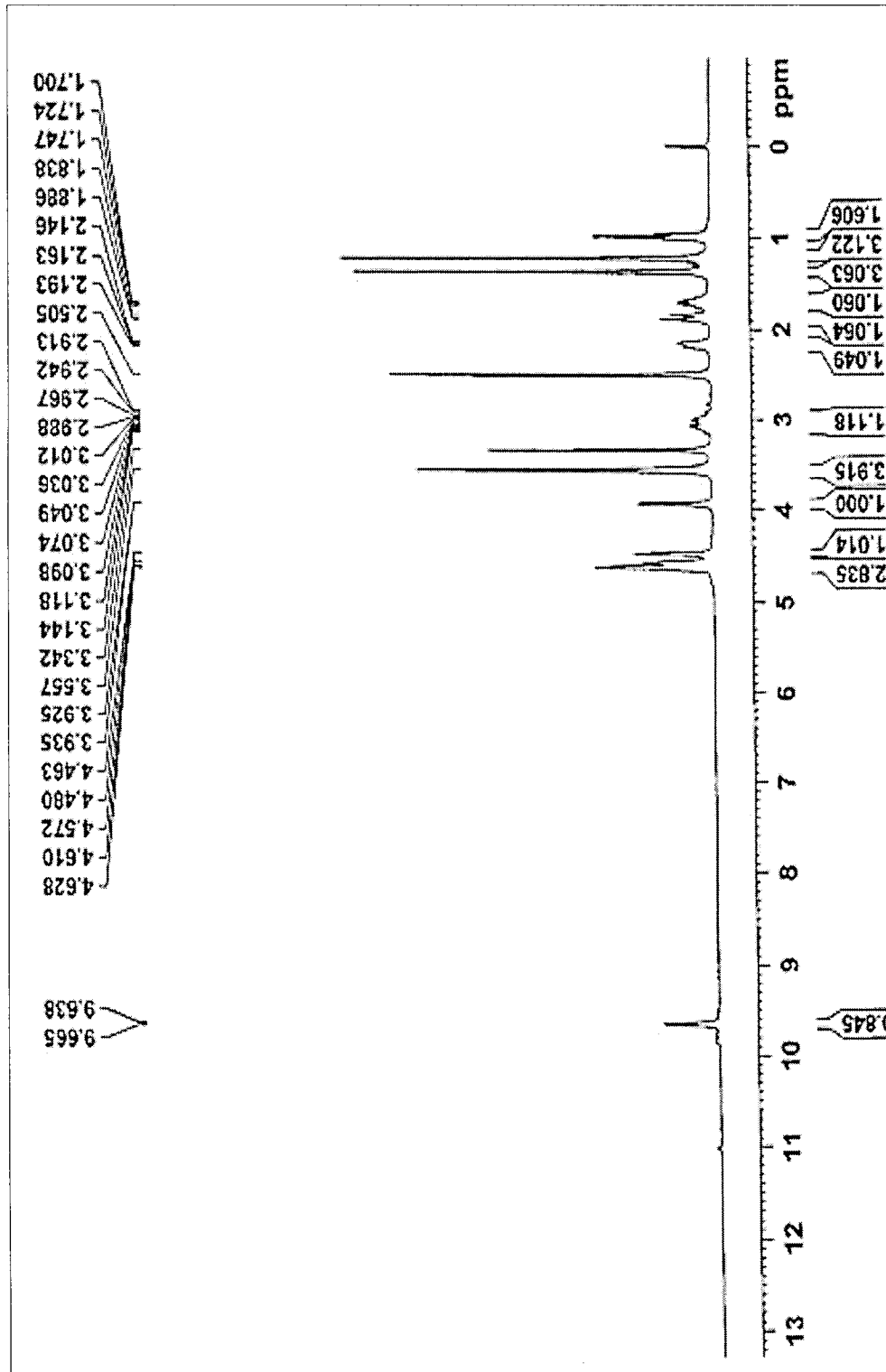


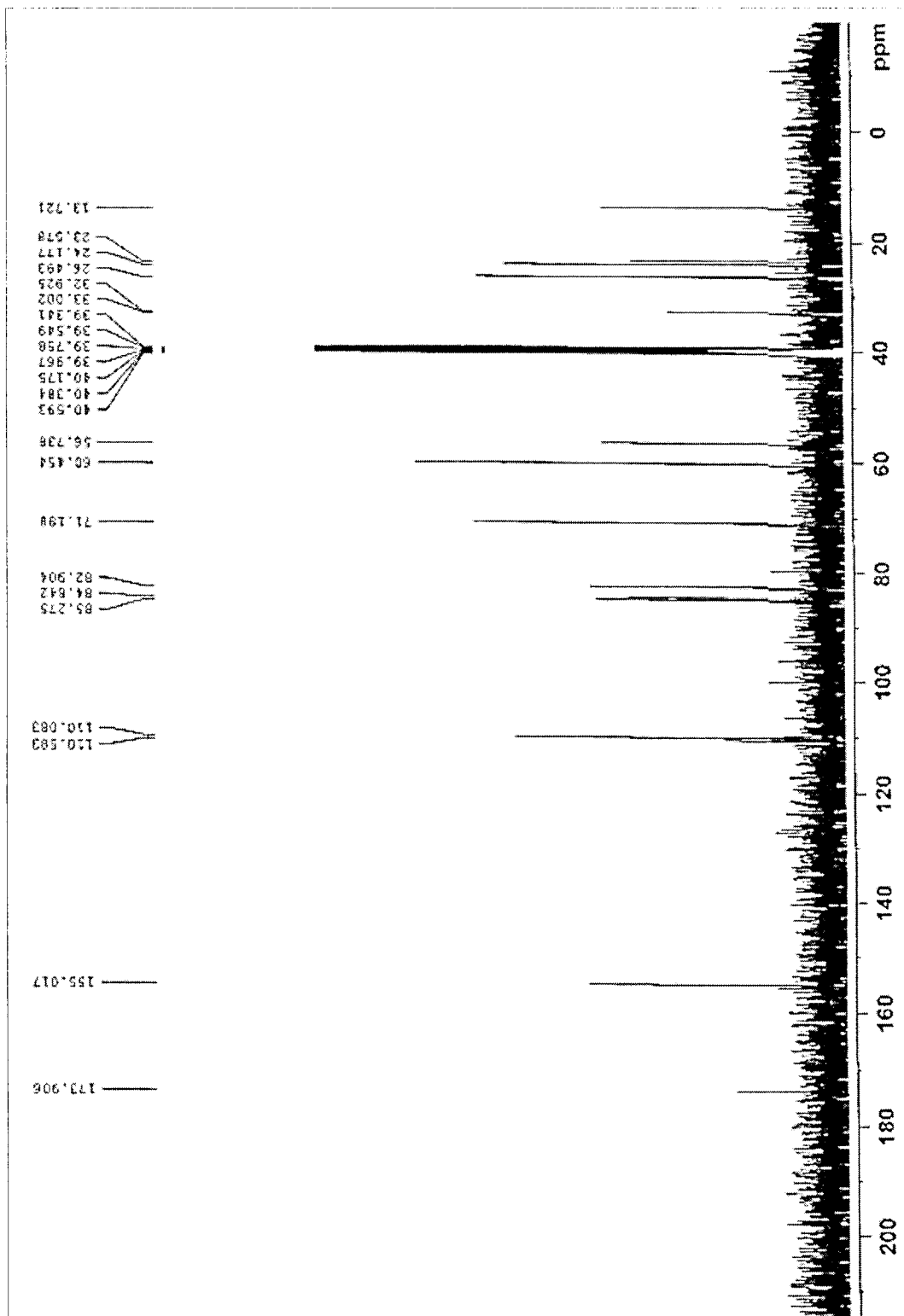


FIG.1



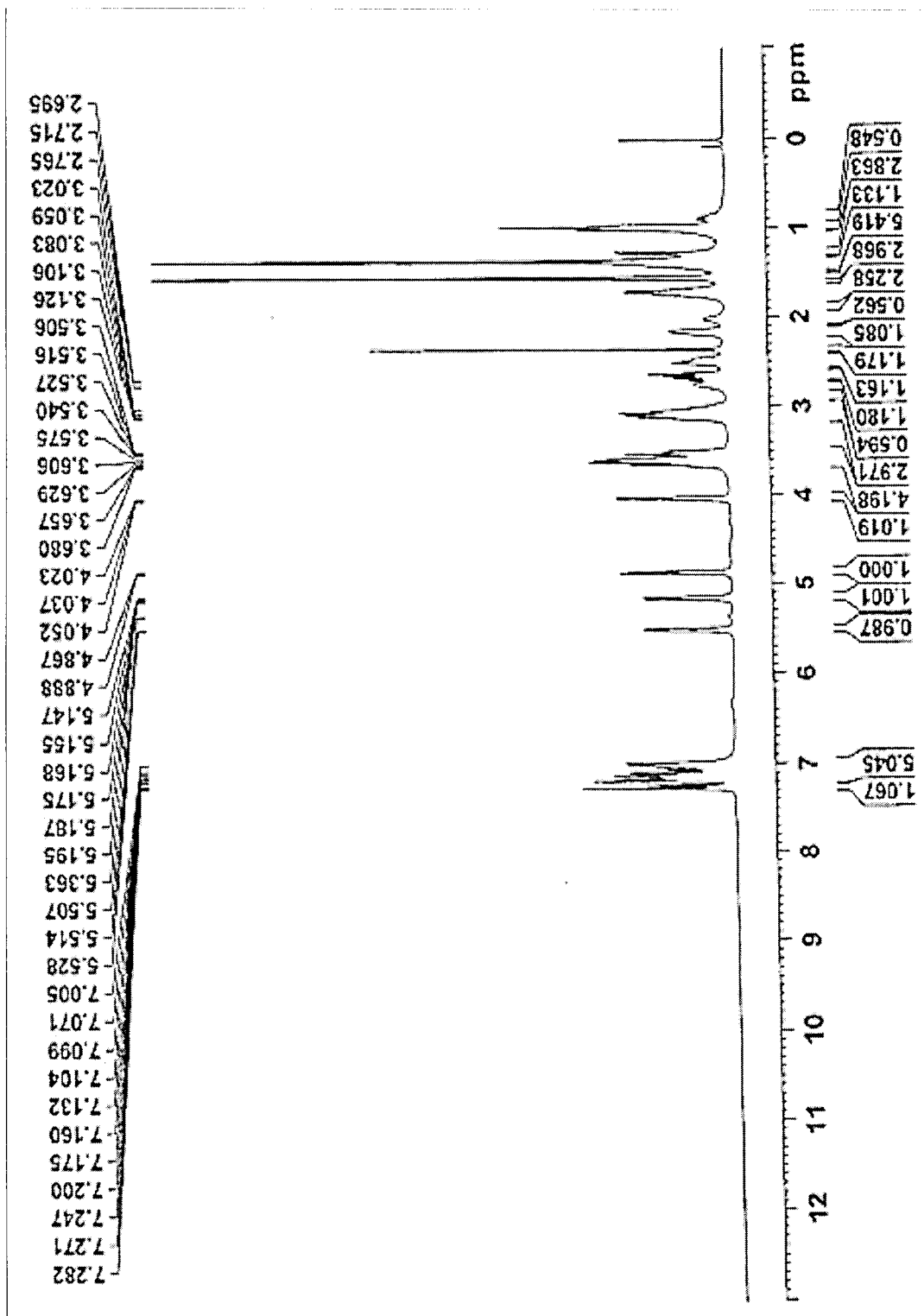
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FIG.2



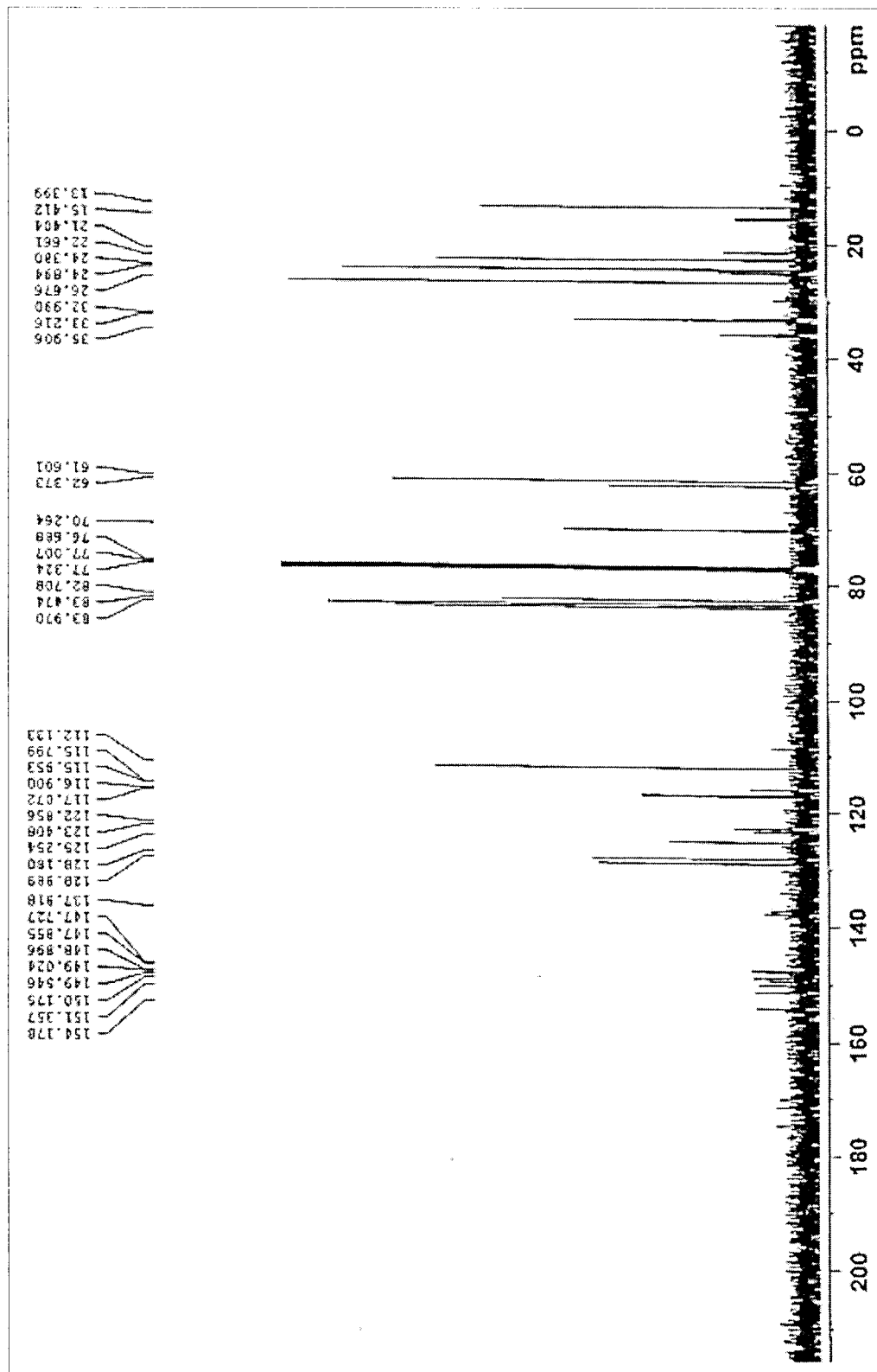
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FIG.3



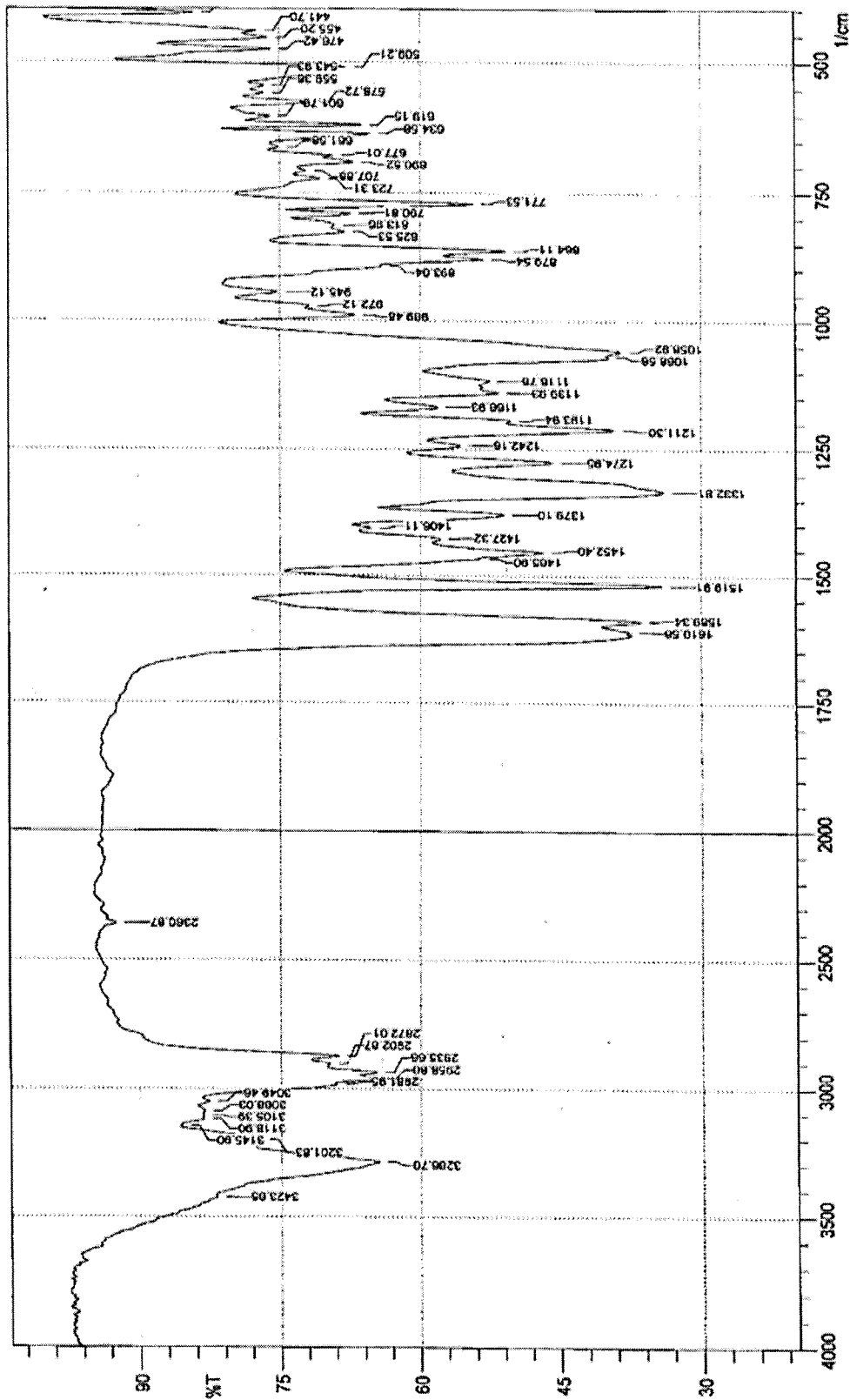
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FIG.4



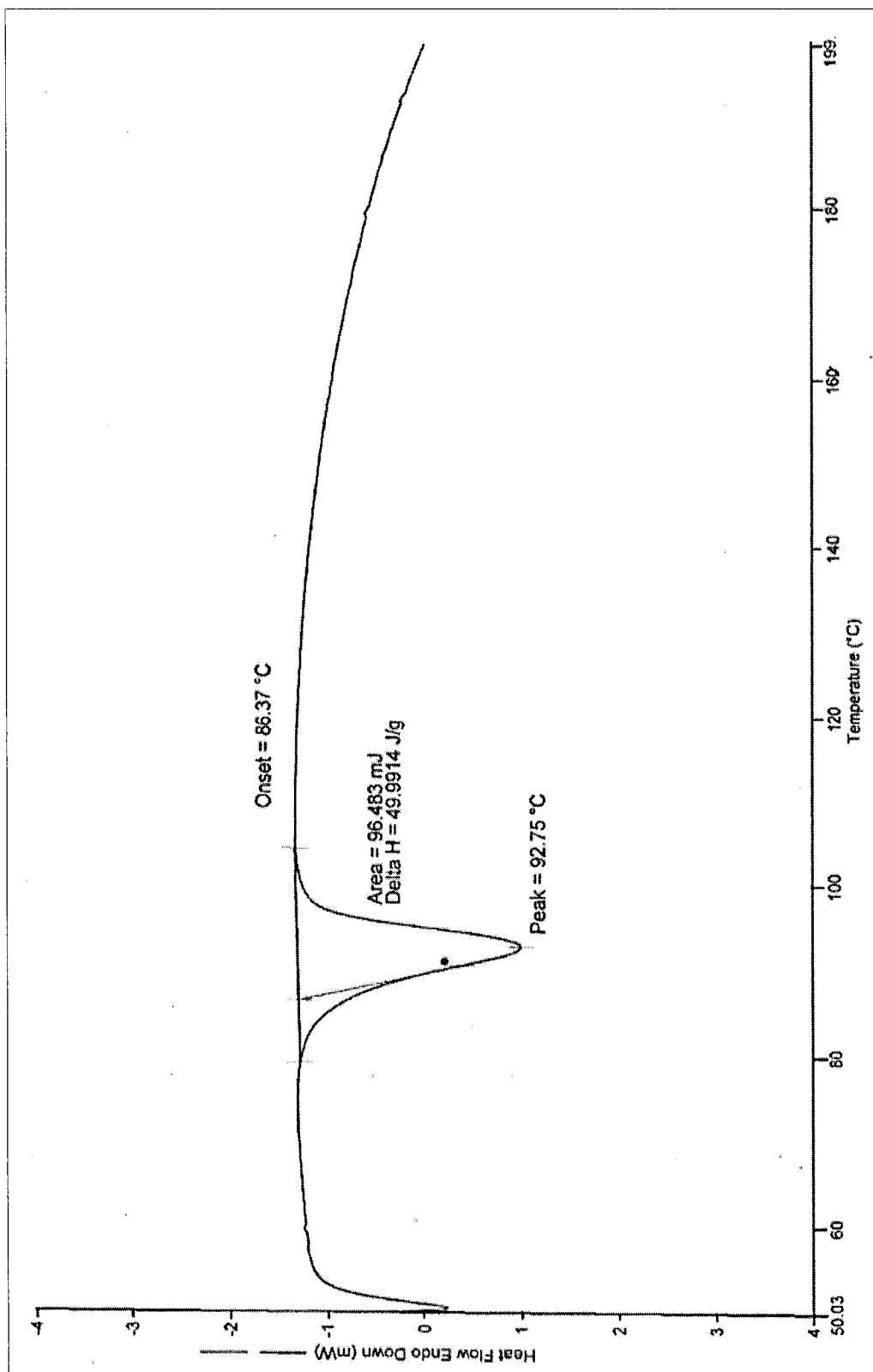
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FIG.5



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FIG.6



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