

SUPPORTING INFORMATION

Development of Safe One-pot Synthesis of *N*-1 and *C*-2 substituted benzimidazole via Reductive Cyclization of *o*-nitroarylamines using Na₂S₂O₄

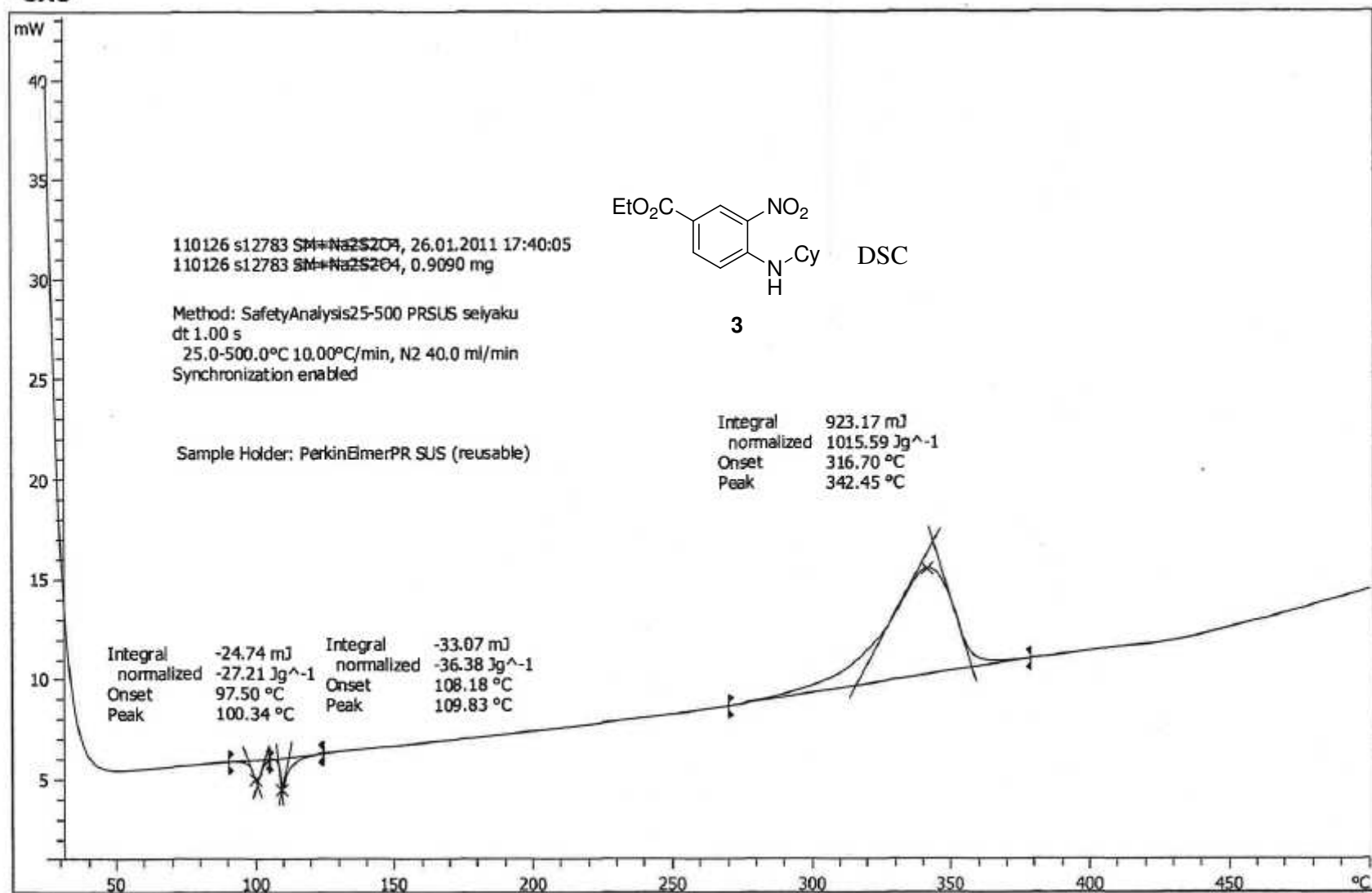
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Yoshiyuki Takeuchi

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1. DSC charts of compound 3, compound 6, compound 7, Na ₂ S ₂ O ₄ , NaHSO ₃ , Na ₂ S ₂ O ₄ in DMSO, Na ₂ S ₂ O ₄ in H ₂ O, Na ₂ S ₂ O ₄ in DMA	S2-S9
2. NMR of compound 1, 4 and 9	S10-16

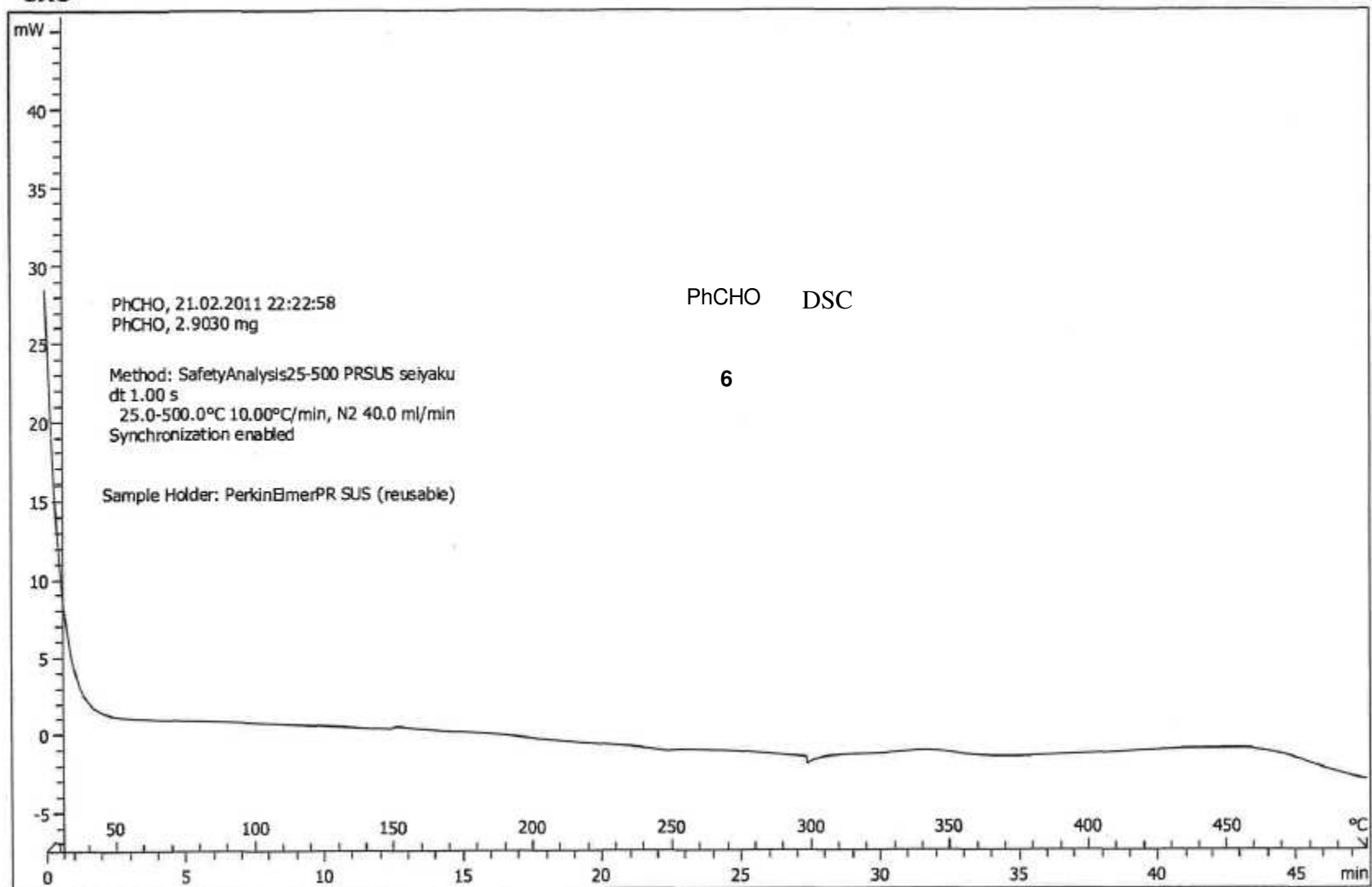
^exo



Lab: seiyaku

S R SW 9.01

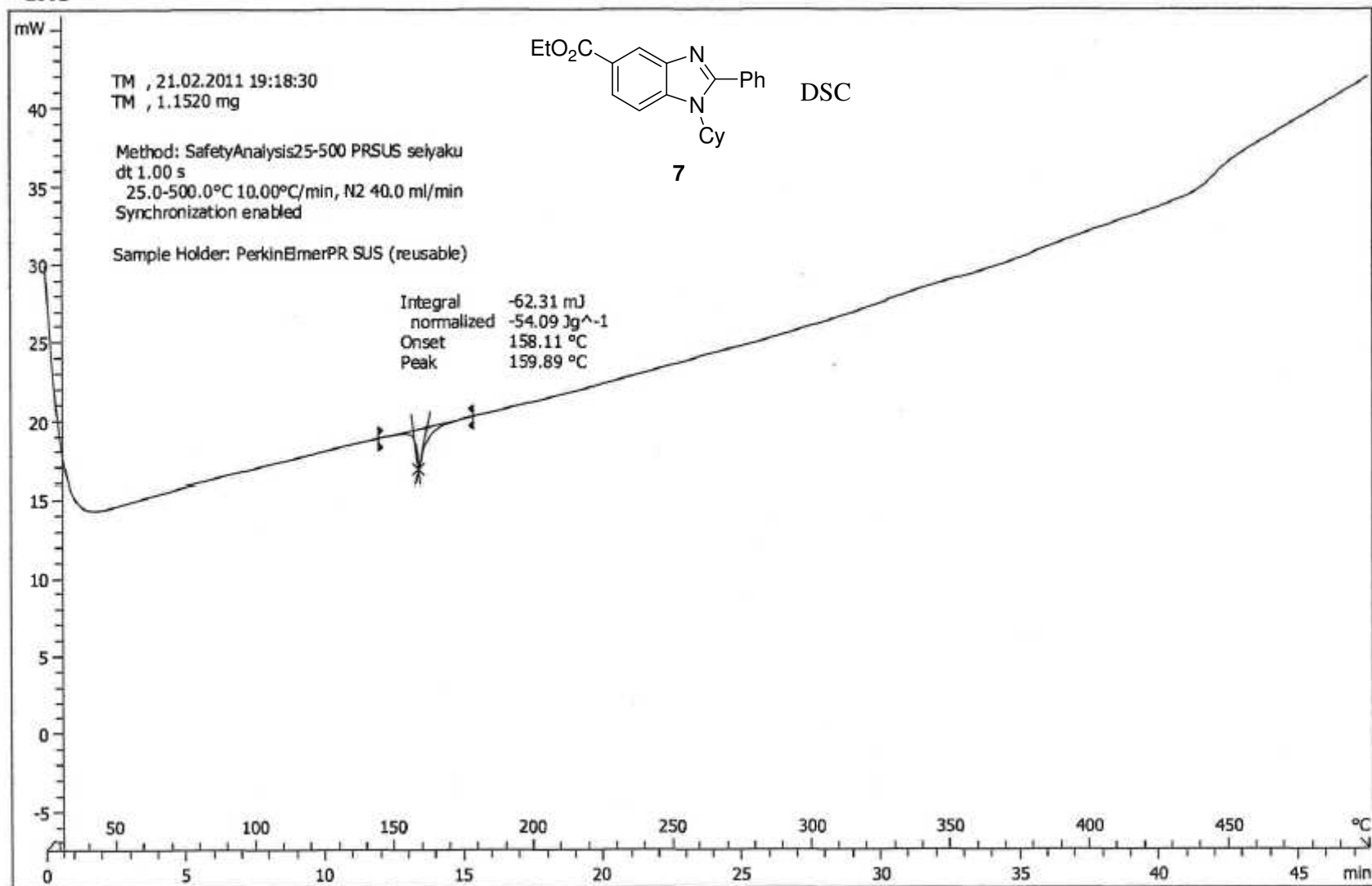
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Lab: seiyaku

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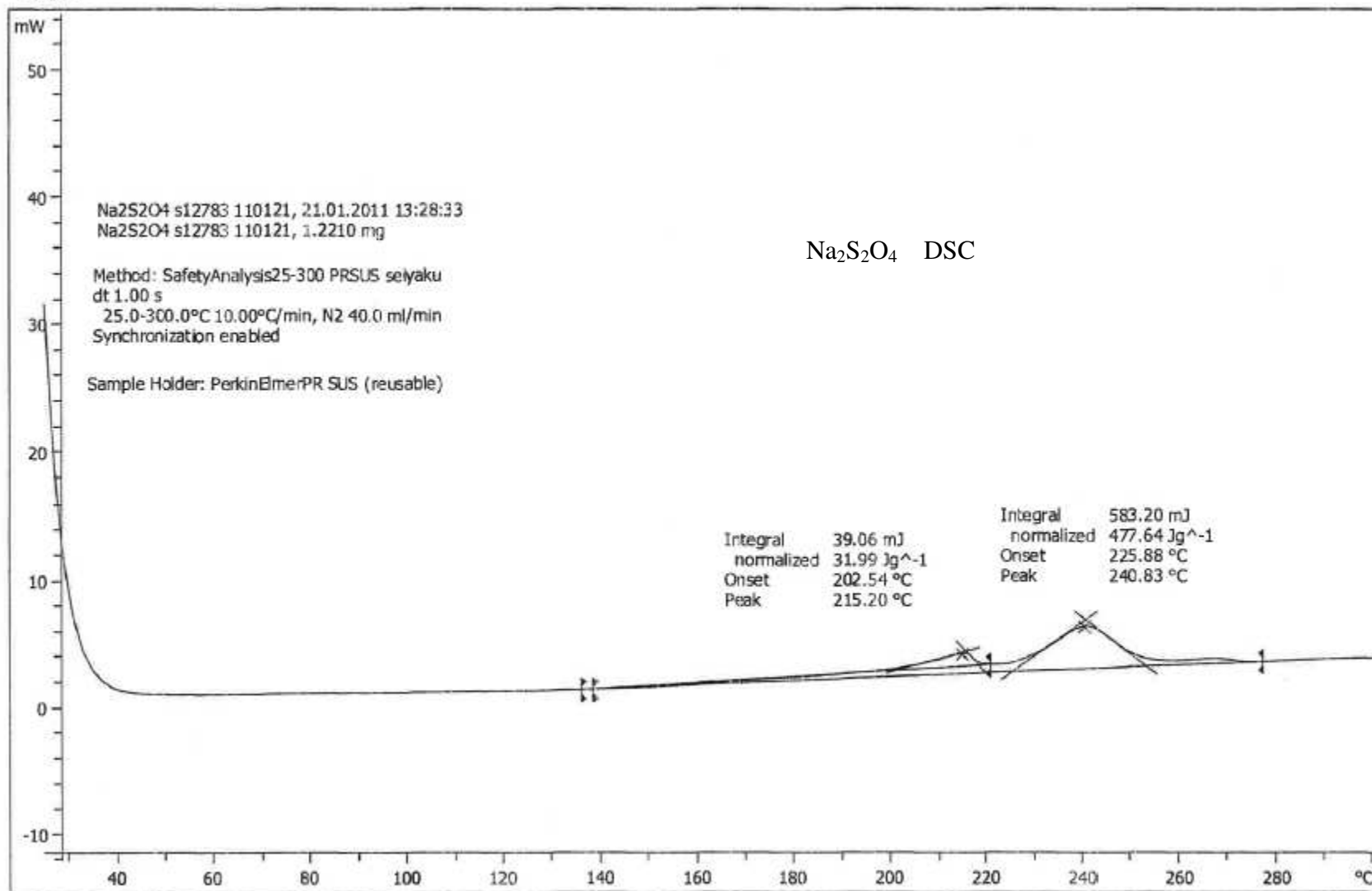
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Lab: seiyaku

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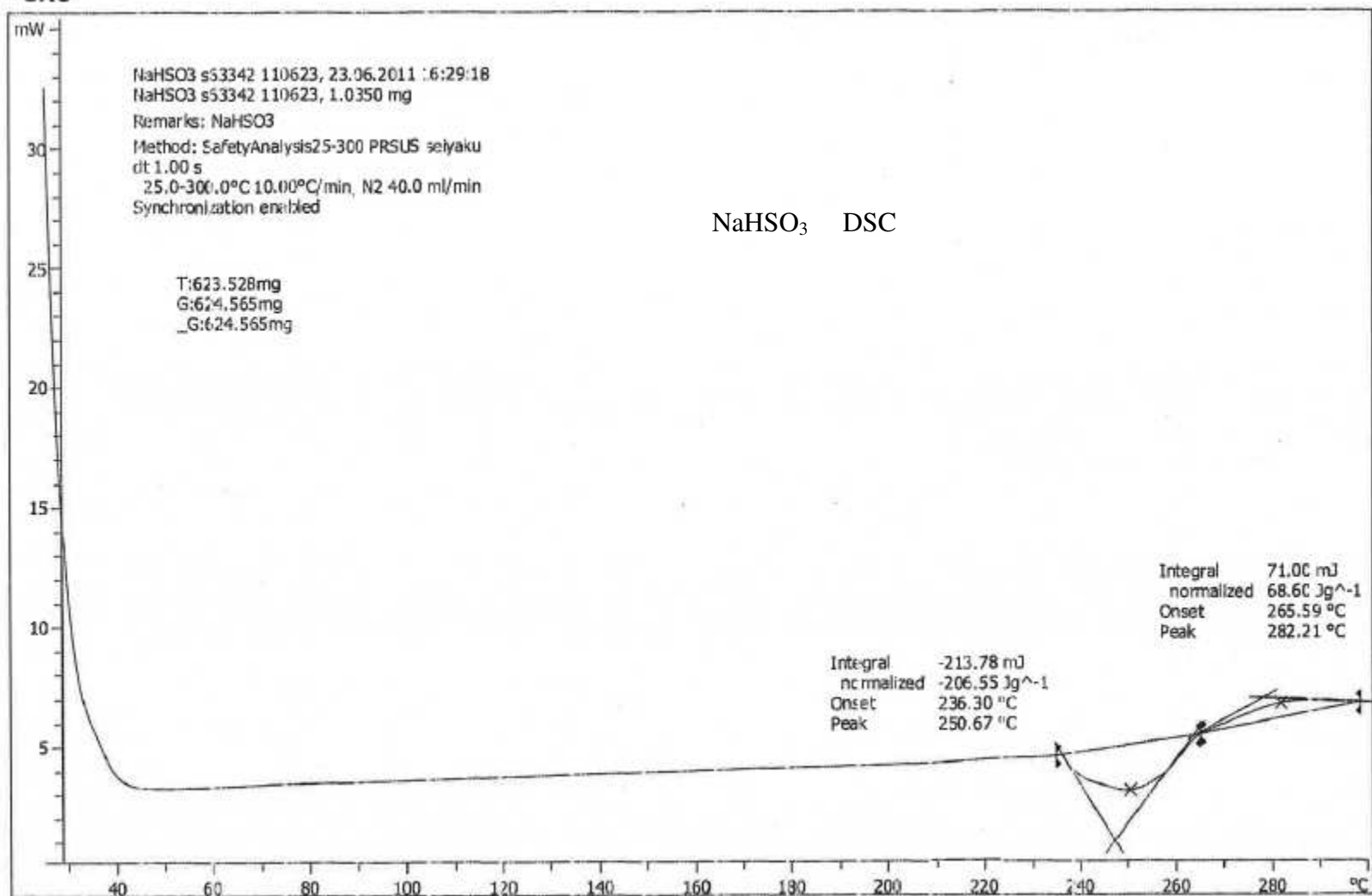
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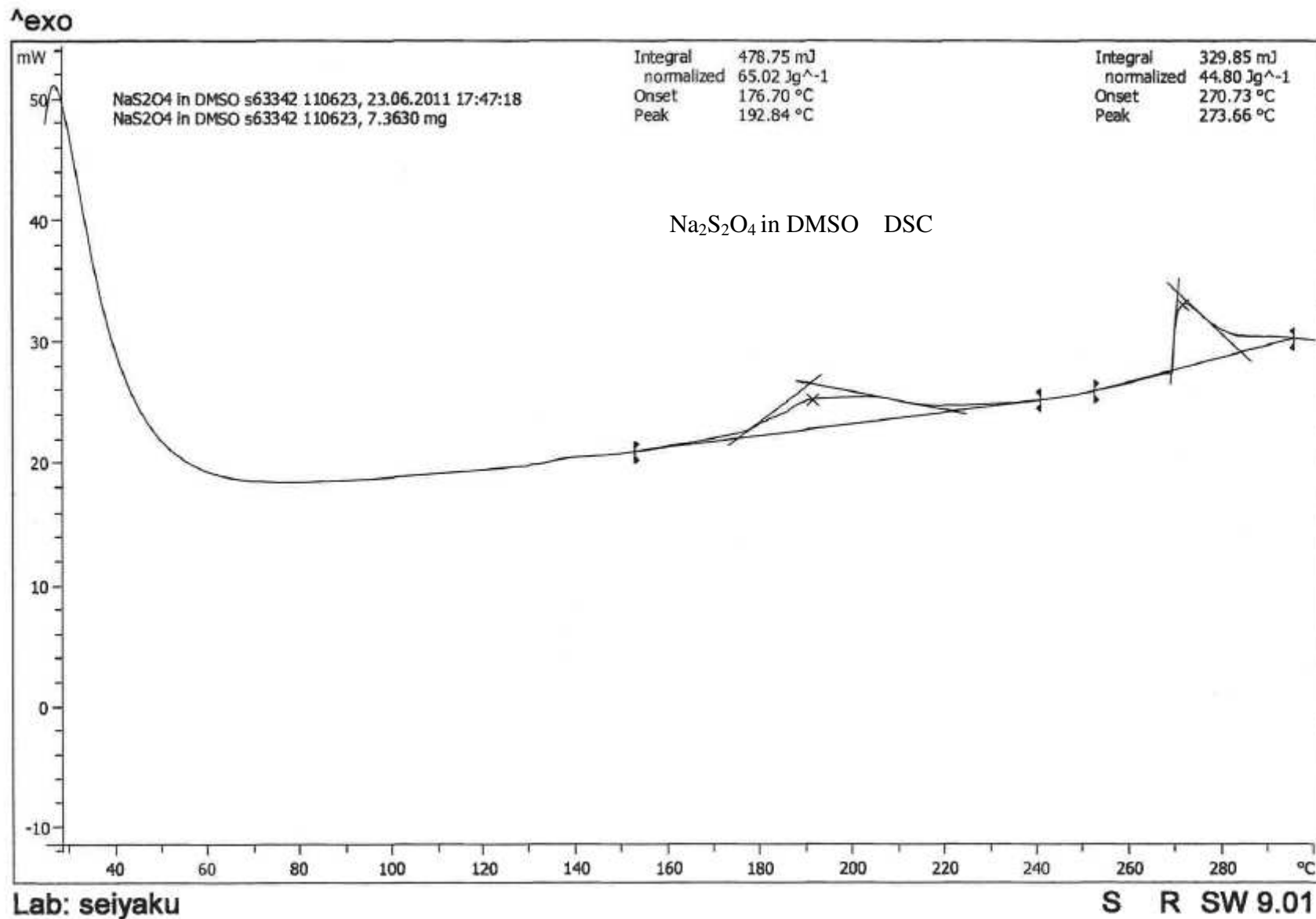
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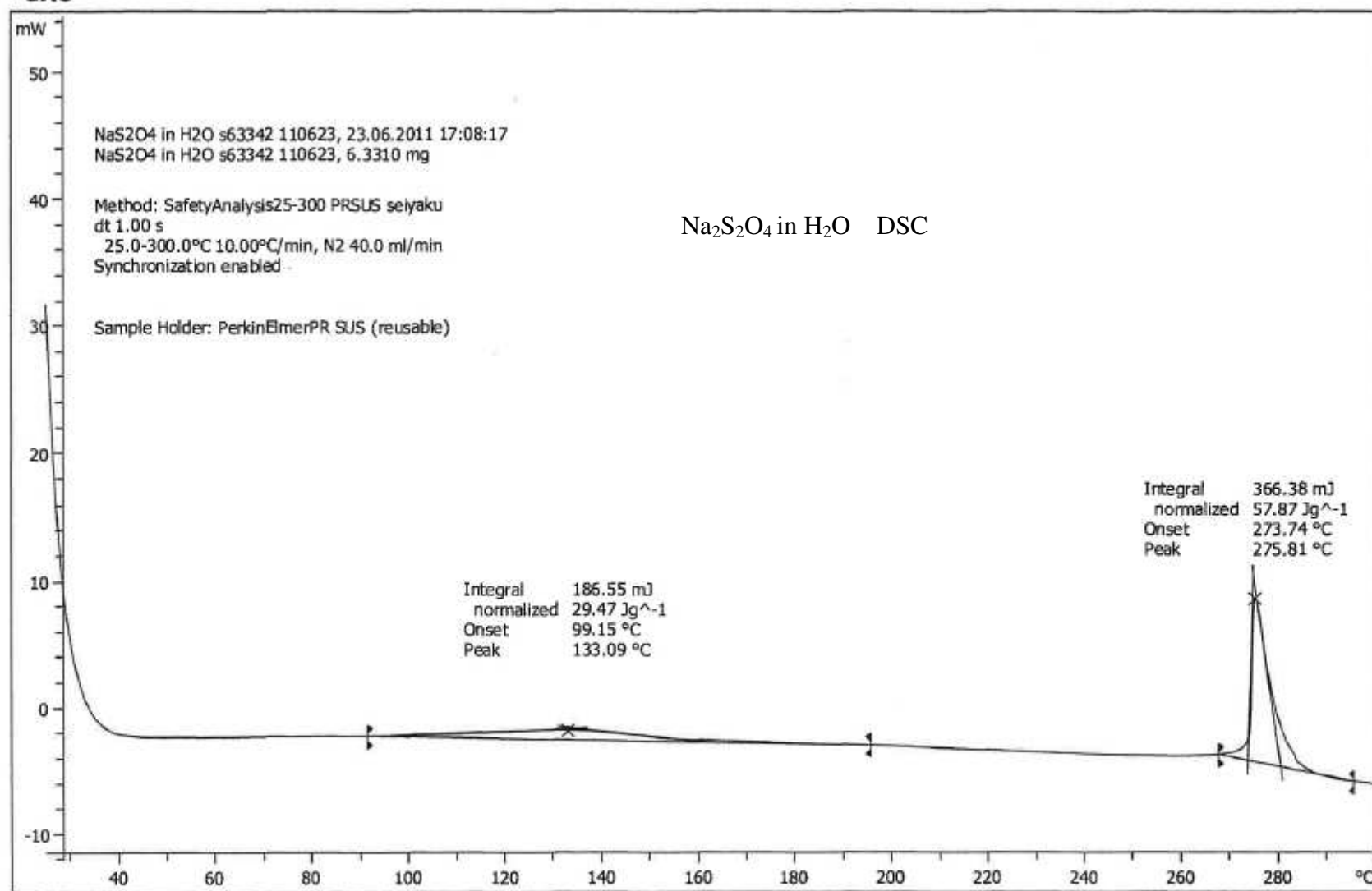


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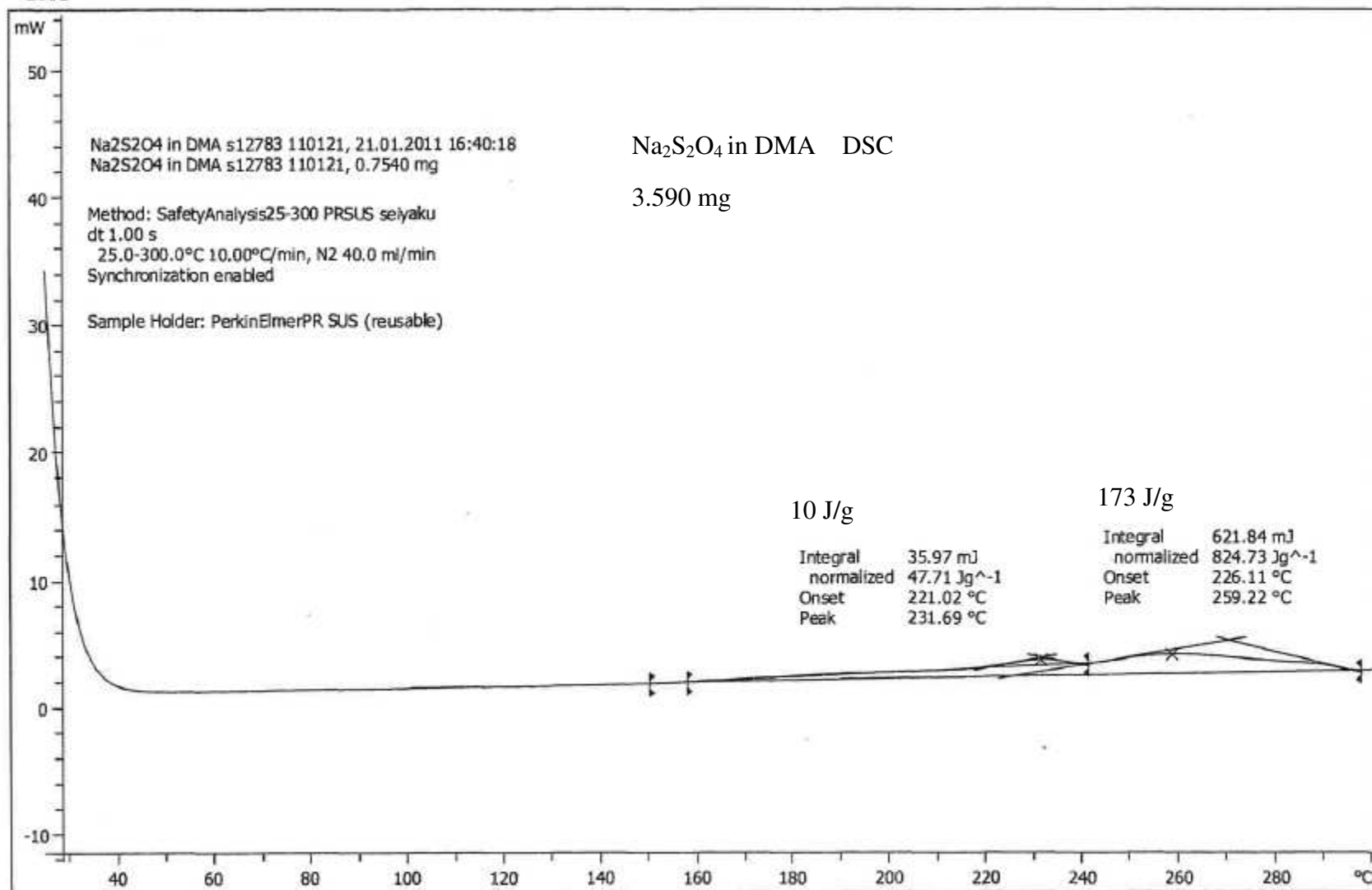
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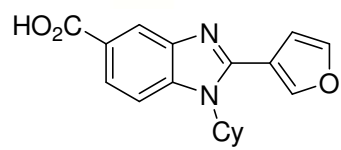
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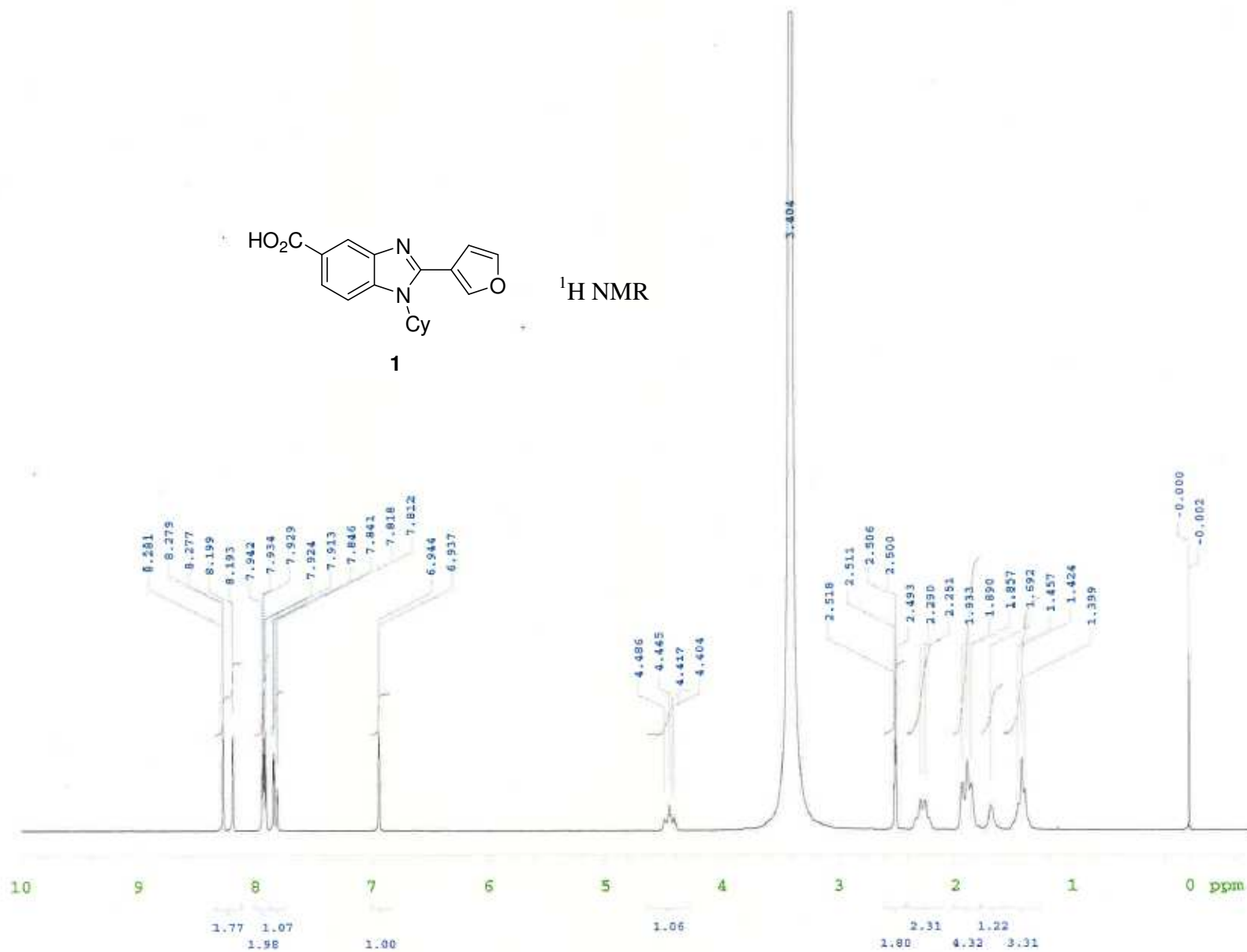
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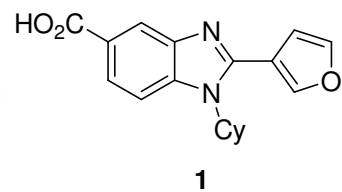
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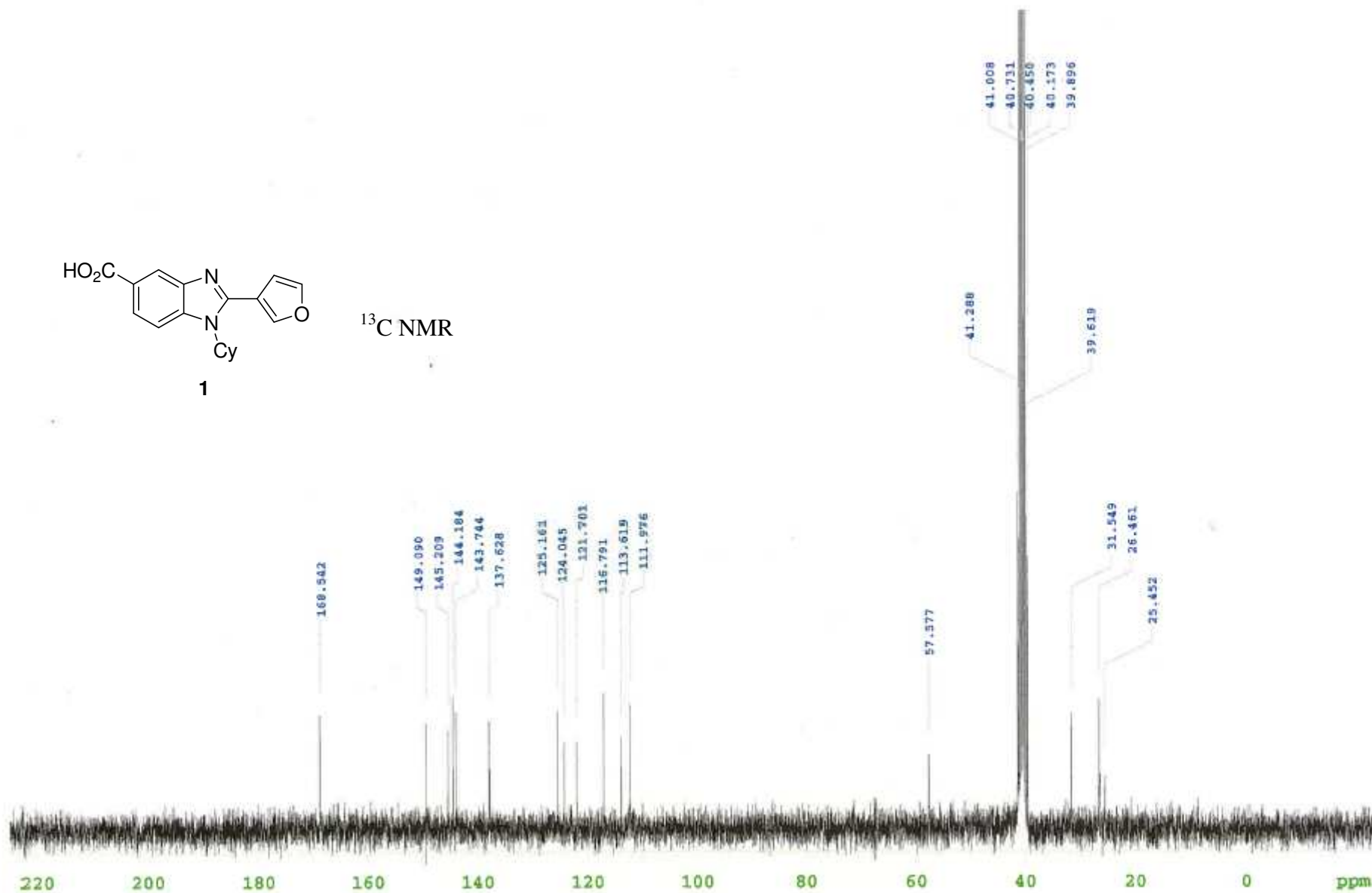
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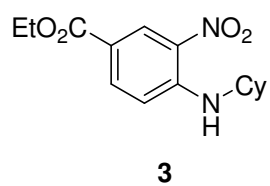
¹H NMR



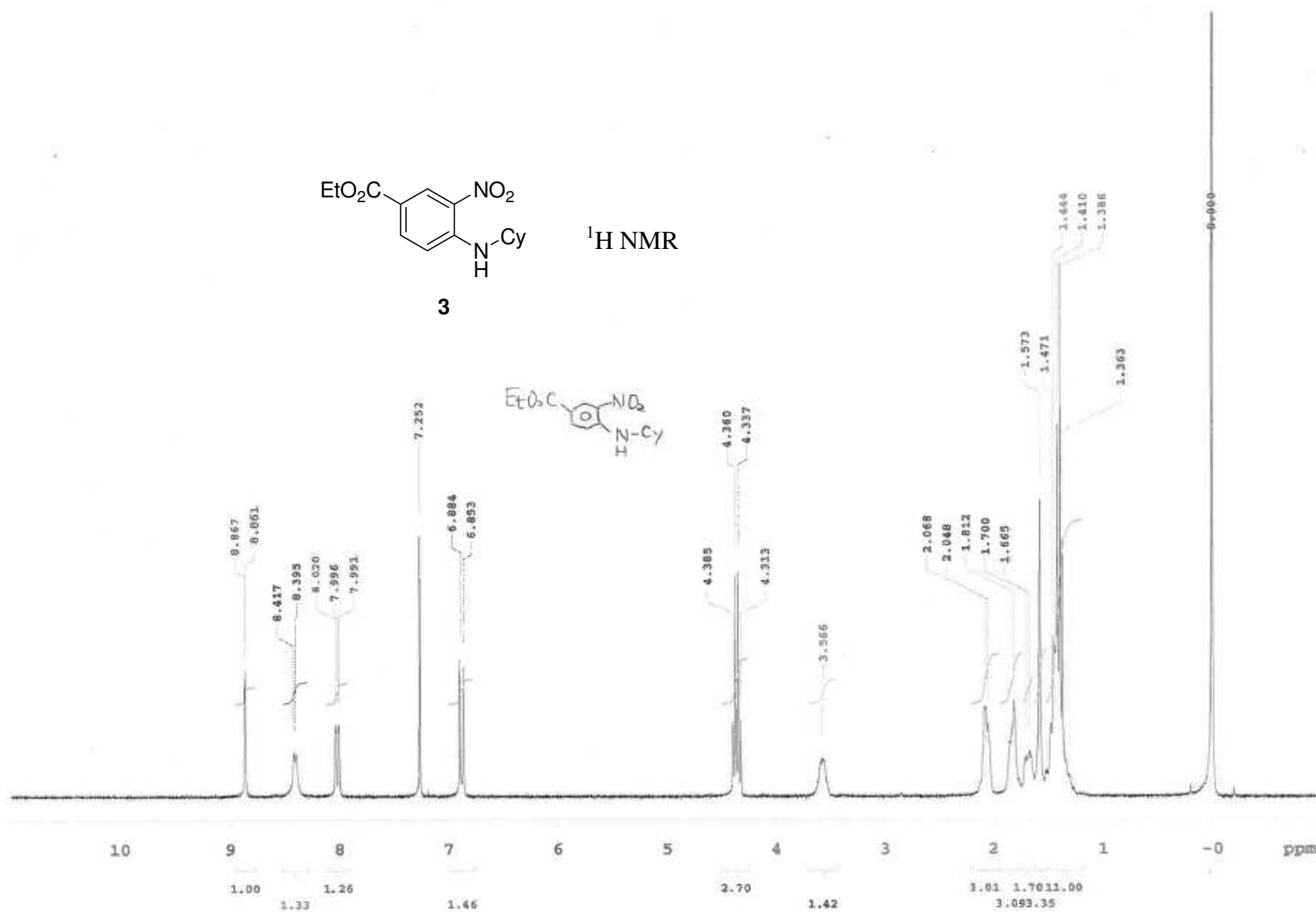


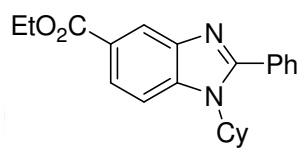
^{13}C NMR





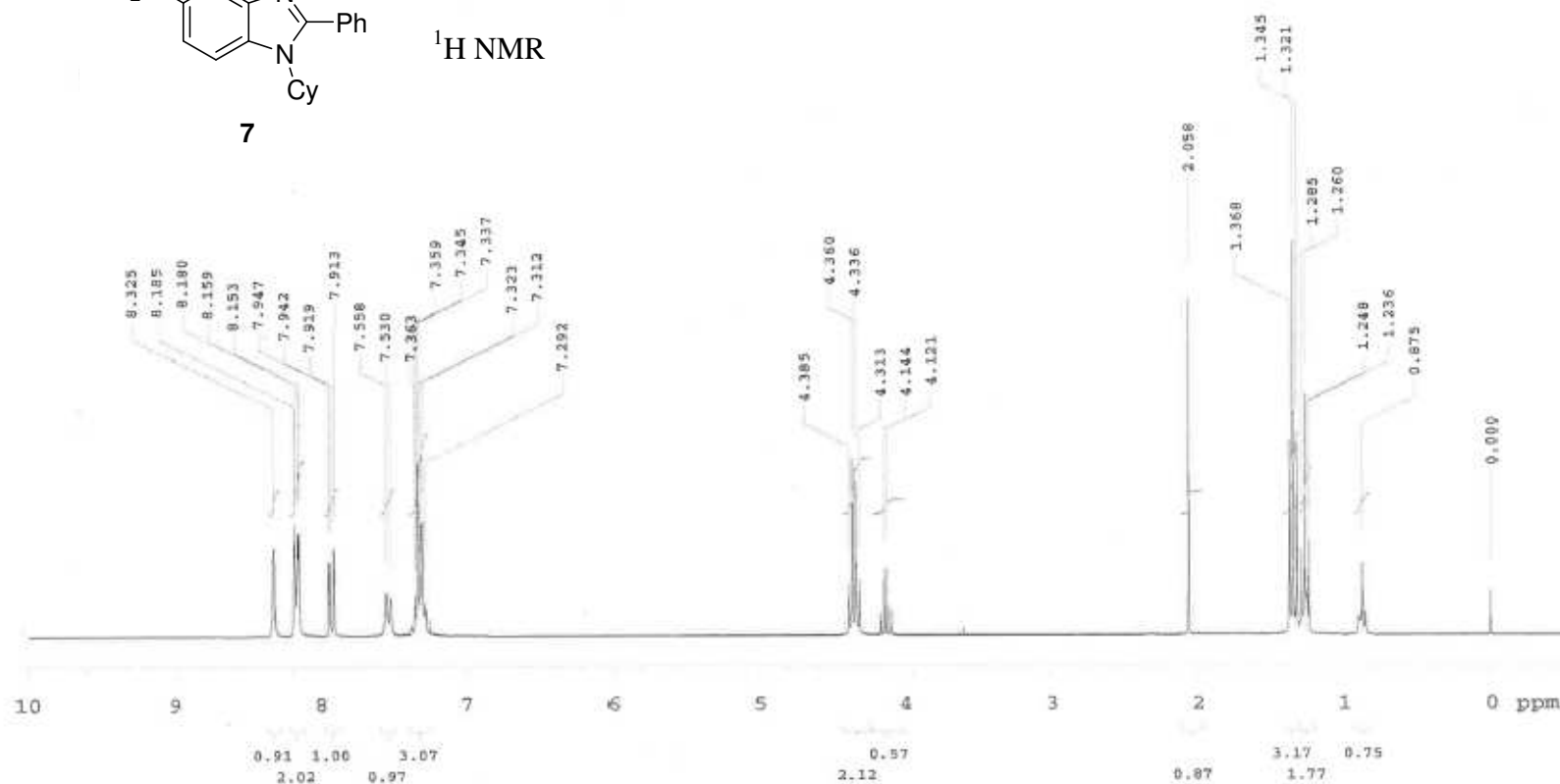
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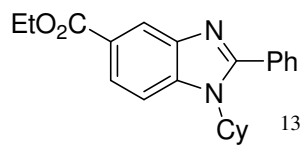
¹H NMR



13C OBSERVE

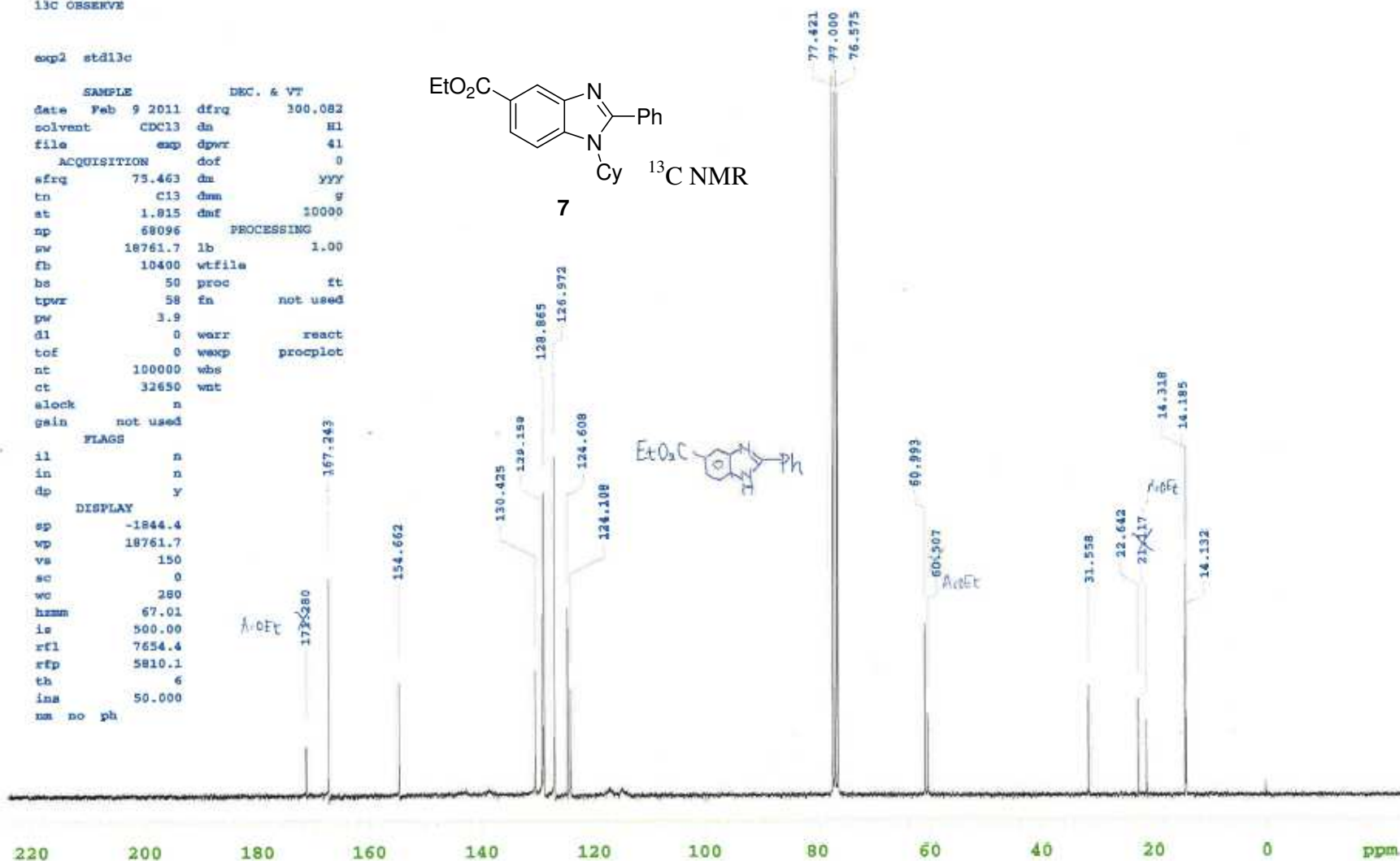
exp2 std13c

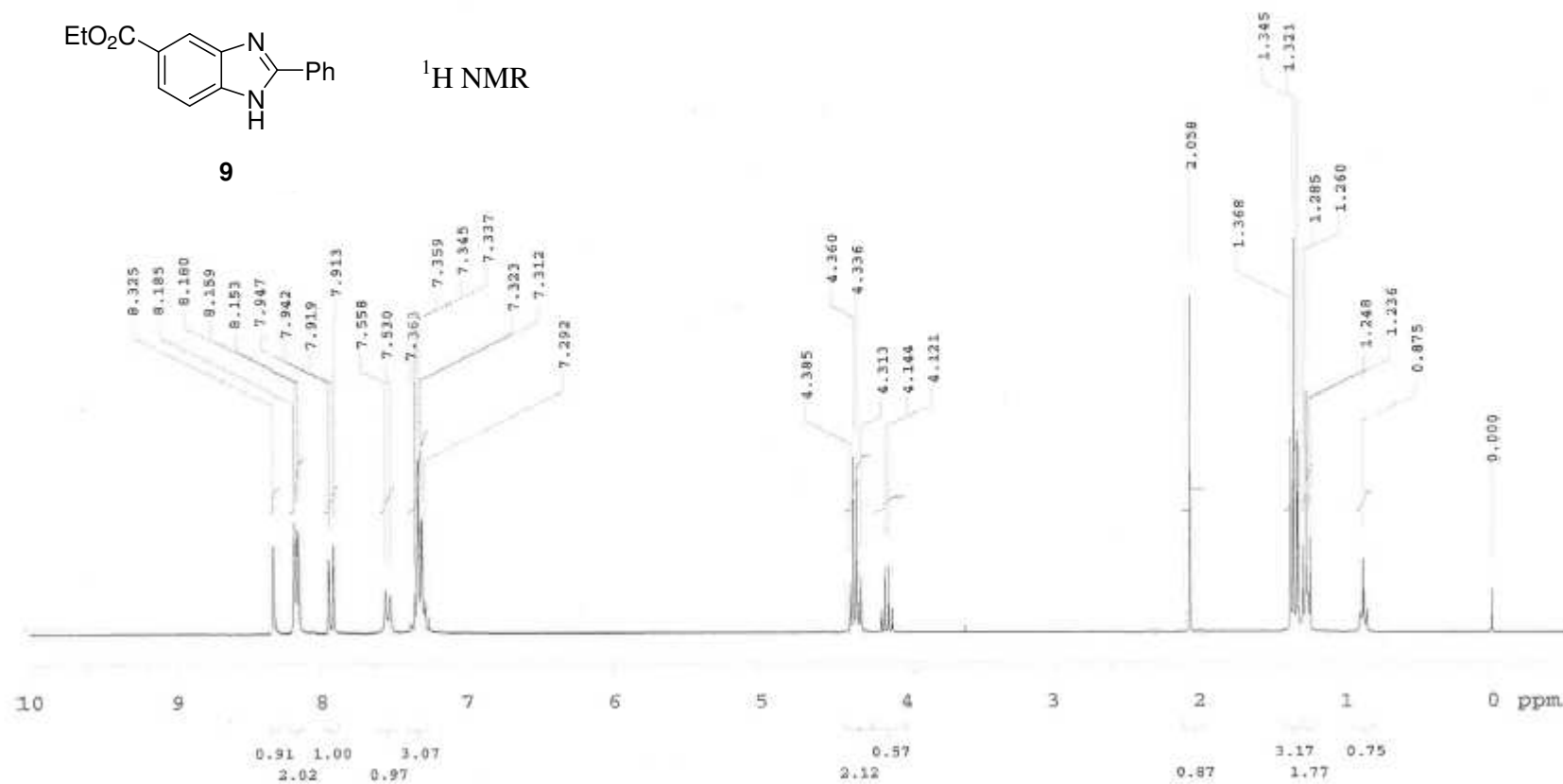
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pw	3.9		
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tof	0	wexp	procplot
nt	100000	whs	
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alock	n		
gain	not used		
FLAGS			
il	n		
in	n		
dp	y		
DISPLAY			
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nm	no	ph	



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¹³C NMR

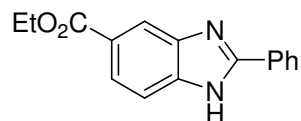




13C OBSERVE

exp2 std13c

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alock	n		
gain	not used		
FLAGS			
il	n		
in	n		
dp	y		
DISPLAY			
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vp	18761.7		
vs	150		
sc	0		
wc	280		
hmm	67.01		
is	500.00		
rfl	7654.4		
rtp	5810.1		
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ins	50.000		
nm	no ph		



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¹³C NMR

