

Terms & Conditions

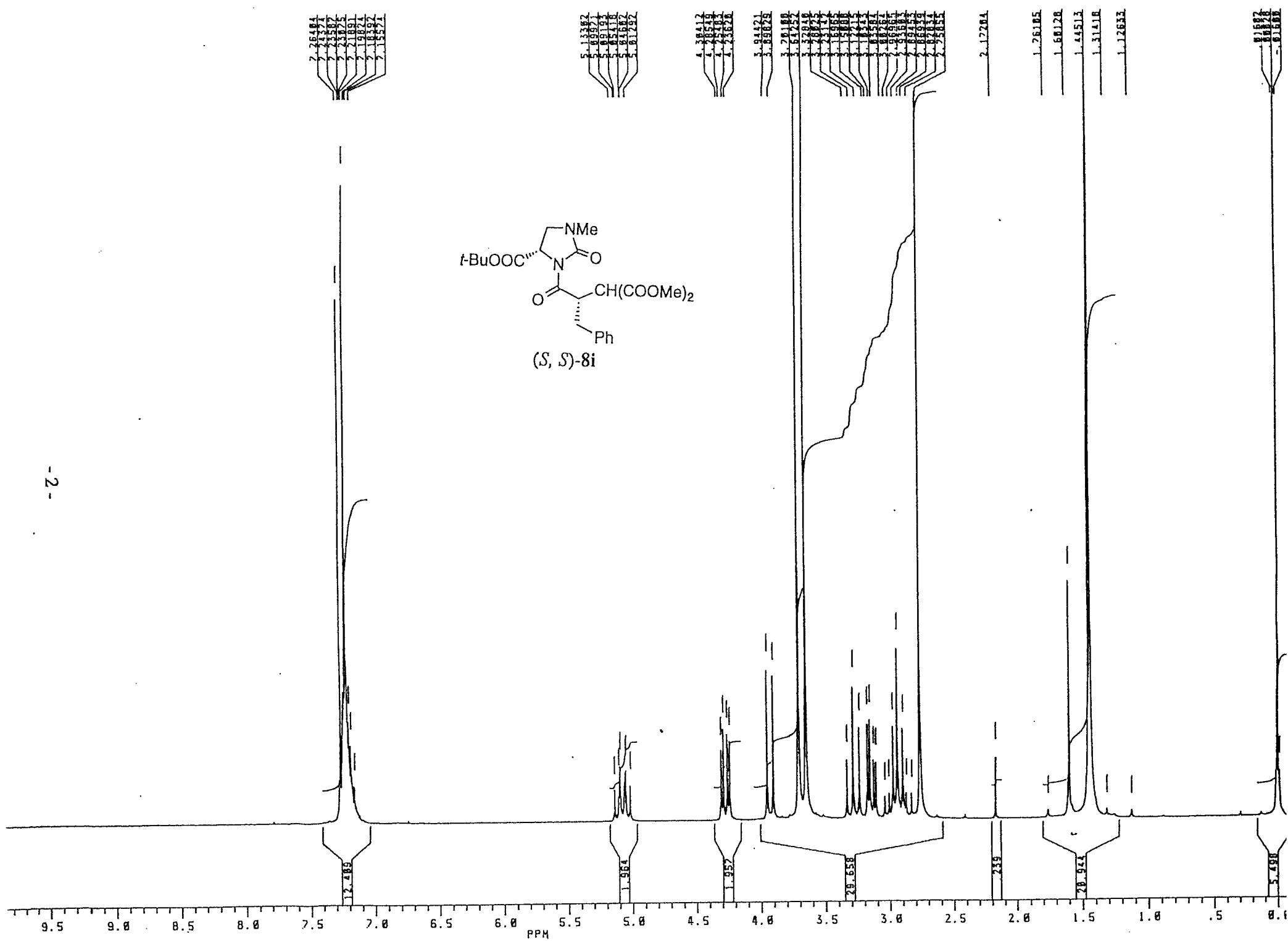
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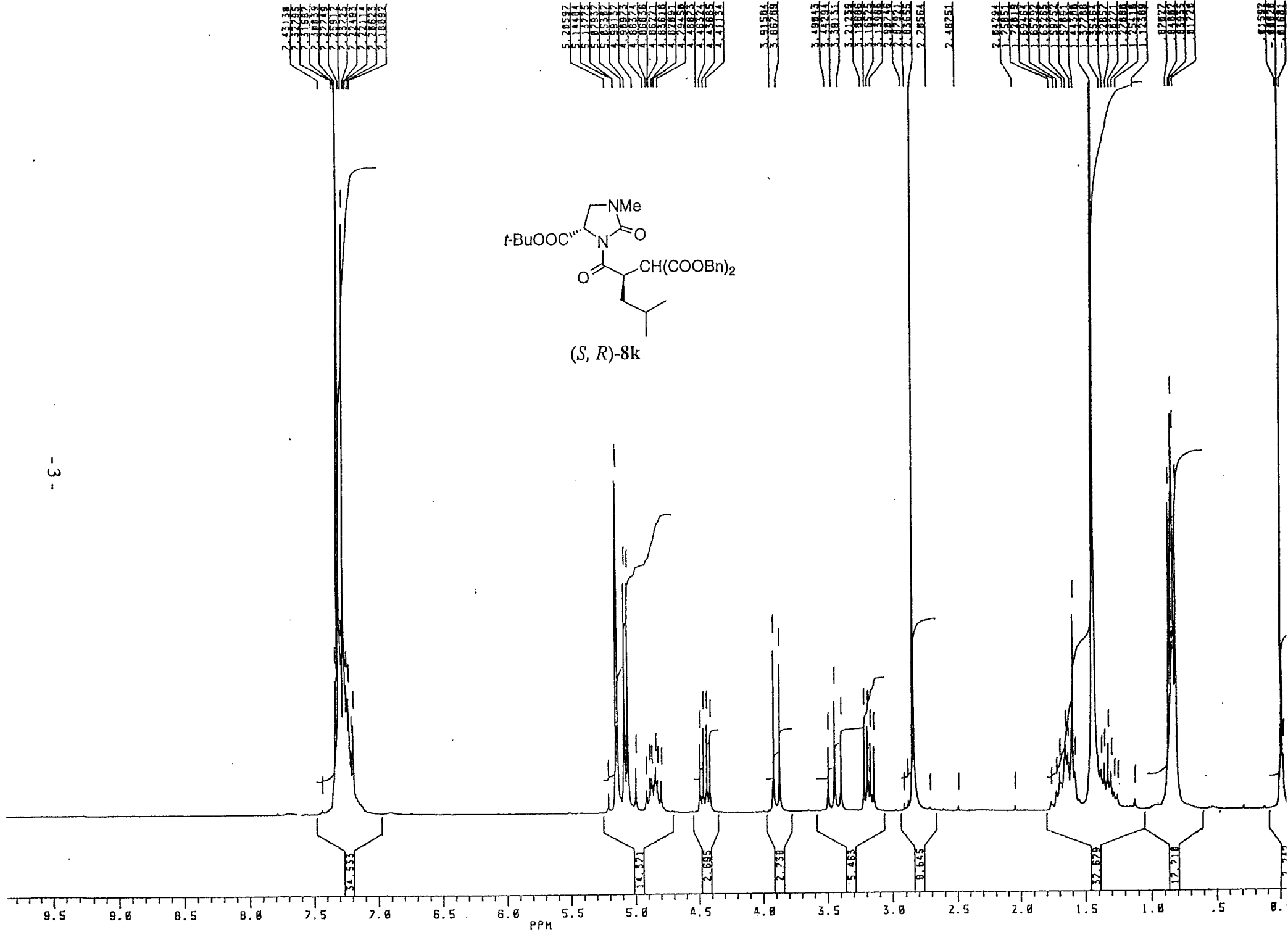


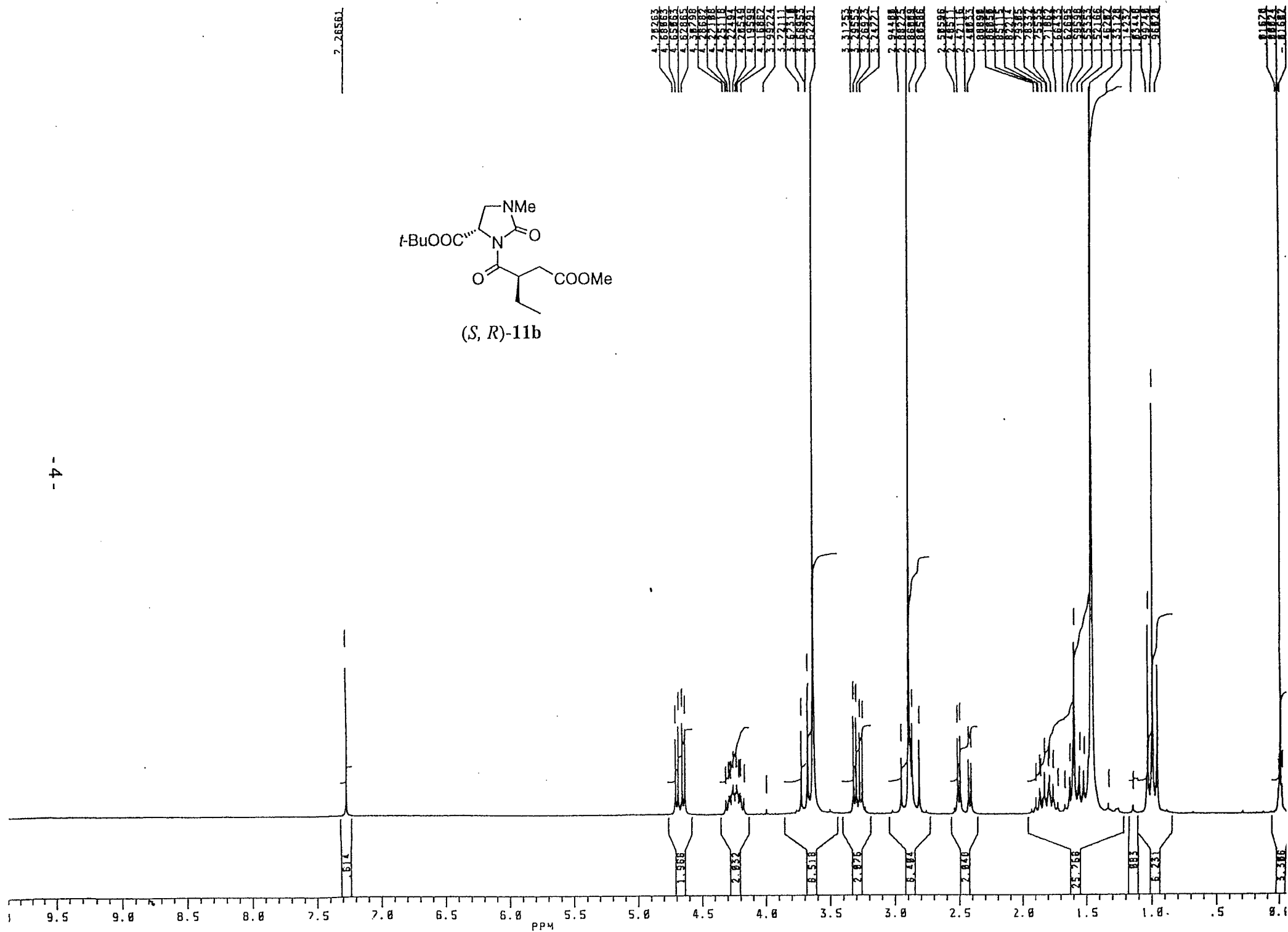
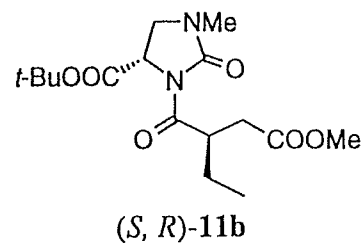
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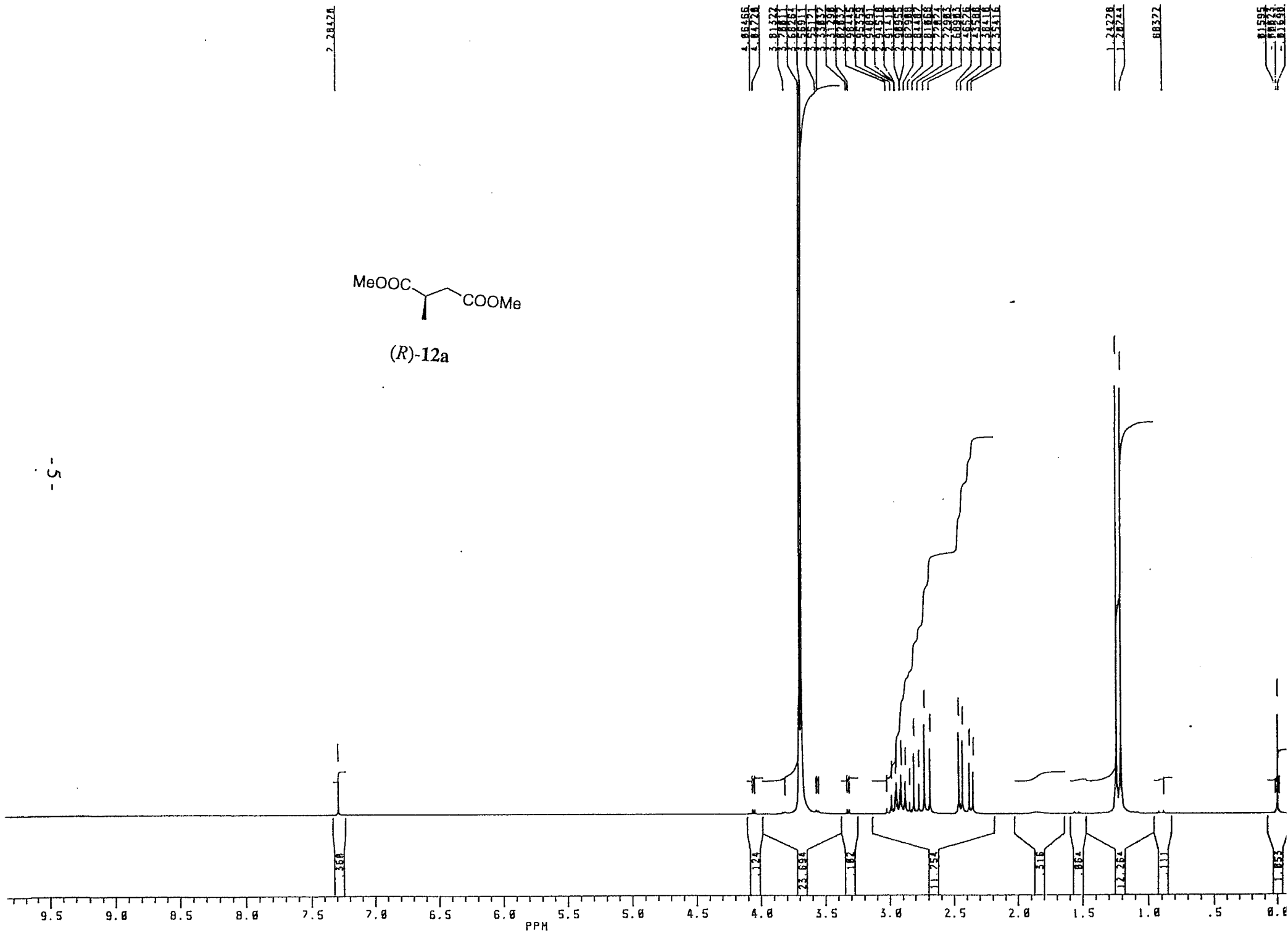
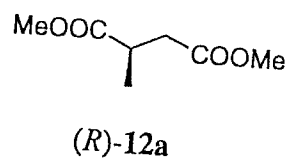
MOST TRUSTED. MOST CITED. MOST READ.

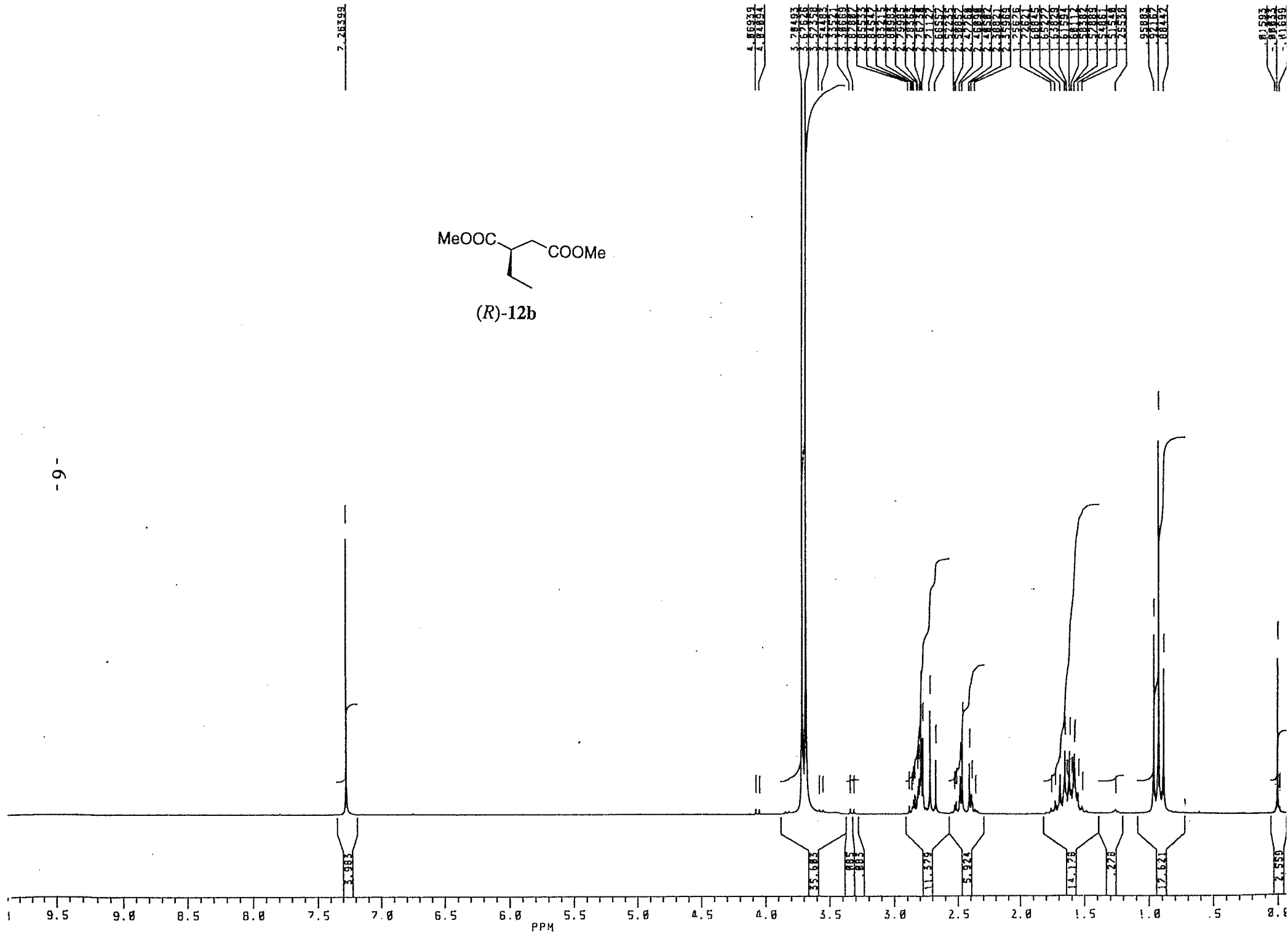
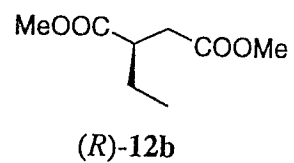
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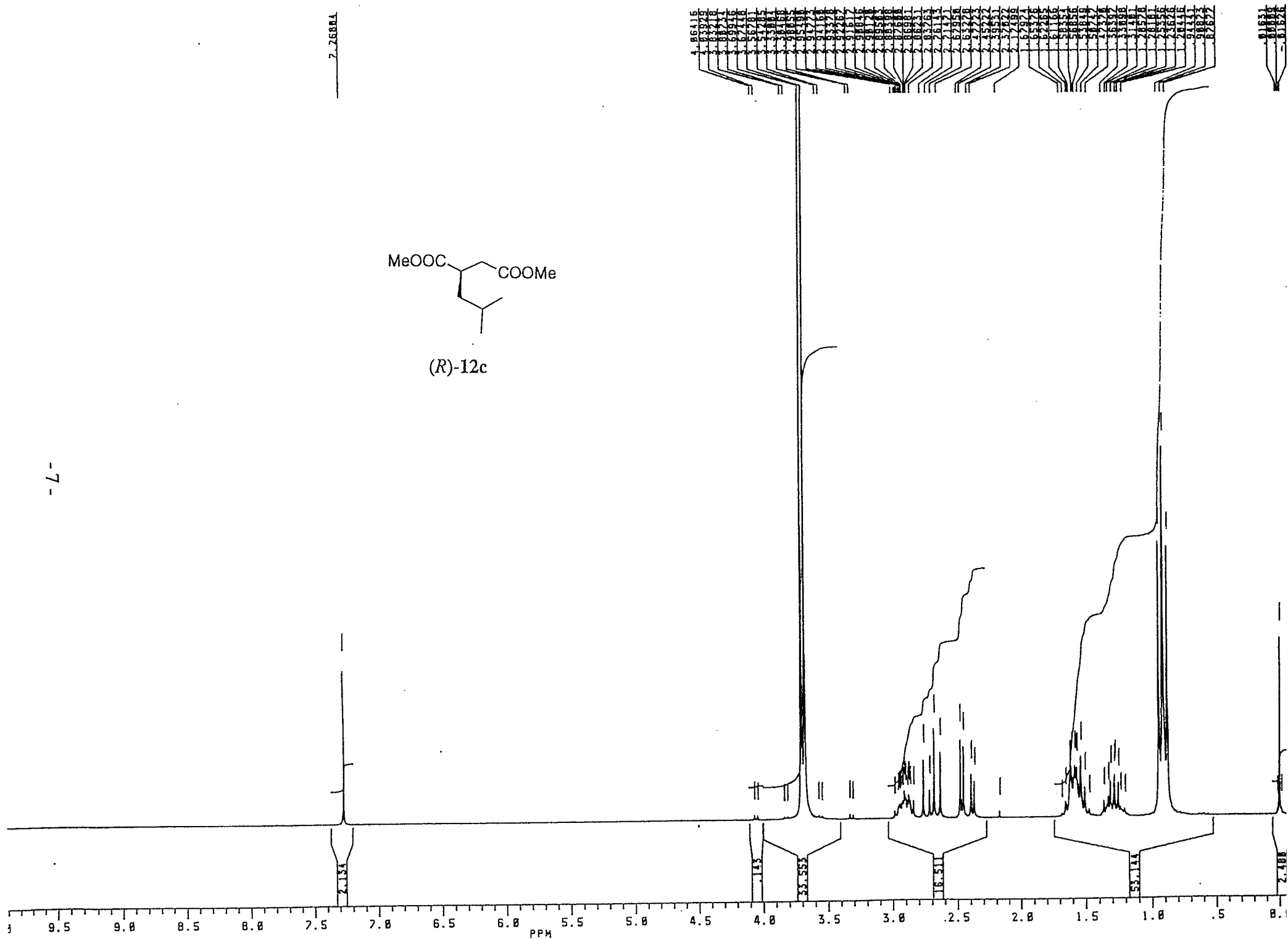
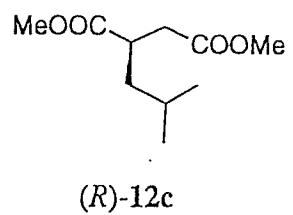




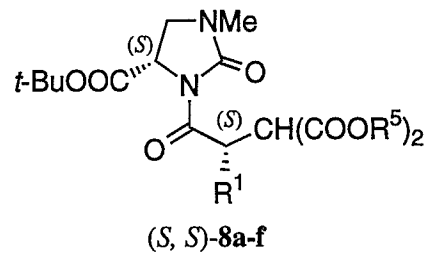
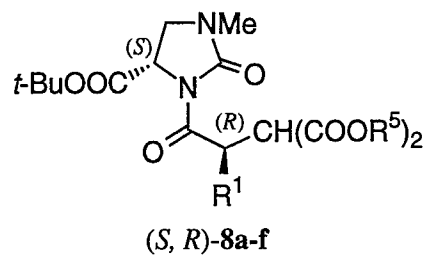








HPLC Conditions



compound	R ¹	R ⁵	eluent (H ₂ O-CH ₃ CN)	retention time (min)
(<i>S, R</i>)- 8a	Me	Me	60 : 40	8.50
(<i>S, S</i>)- 8a	Me	Me	60 : 40	7.42
(<i>S, R</i>)- 8b	Me	Et	60 : 40	18.18
(<i>S, S</i>)- 8b	Me	Et	60 : 40	15.85
(<i>S, R</i>)- 8c	Me	<i>i</i> -Pr	55 : 45	22.21
(<i>S, S</i>)- 8c	Me	<i>i</i> -Pr	55 : 45	20.17
(<i>S, R</i>)- 8d	Me	<i>t</i> -Bu	45 : 55	16.84
(<i>S, S</i>)- 8d	Me	<i>t</i> -Bu	45 : 55	15.64
(<i>S, R</i>)- 8e	Me	Bn	45 : 55	18.70
(<i>S, S</i>)- 8e	Me	Bn	45 : 55	17.37
(<i>S, R</i>)- 8f	Et	Me	60 : 40	11.94
(<i>S, S</i>)- 8f	Et	Me	60 : 40	9.88

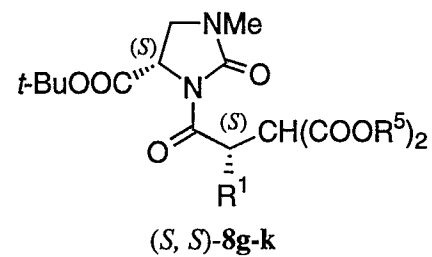
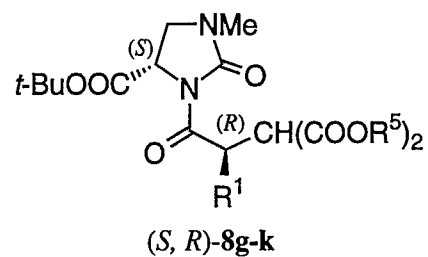
Flow rate : 1.0 mL/min

Temperature : 30 °C

Detection wavelength : 220 nm

Column : C₁₈ (4.6 x 150 mm, Shiseido)

HPLC Conditions



compound	R ¹	R ⁵	eluent (H ₂ O-CH ₃ CN)	retention time (min)
(<i>S, R</i>)- 8g	<i>i</i> -Bu	Me	50 : 50	8.97
(<i>S, S</i>)- 8g	<i>i</i> -Bu	Me	50 : 50	8.06
(<i>S, R</i>)- 8h	(CH ₂) ₂ Ph	Me	50 : 50	14.01
(<i>S, S</i>)- 8h	(CH ₂) ₂ Ph	Me	50 : 50	11.13
(<i>S, R</i>)- 8i	CH ₂ Ph	Me	50 : 50	10.16
(<i>S, S</i>)- 8i	CH ₂ Ph	Me	50 : 50	8.29
(<i>S, R</i>)- 8j	Et	Bn	40 : 60	14.68
(<i>S, S</i>)- 8j	Et	Bn	40 : 60	13.04
(<i>S, R</i>)- 8k	<i>i</i> -Bu	Bn	40 : 60	22.55
(<i>S, S</i>)- 8k	<i>i</i> -Bu	Bn	40 : 60	20.98

Flow rate : 1.0 mL/min

Temperature : 30 °C

Detection wavelength : 220 nm

Column : C₁₈ (4.6 x 150 mm, Shiseido)