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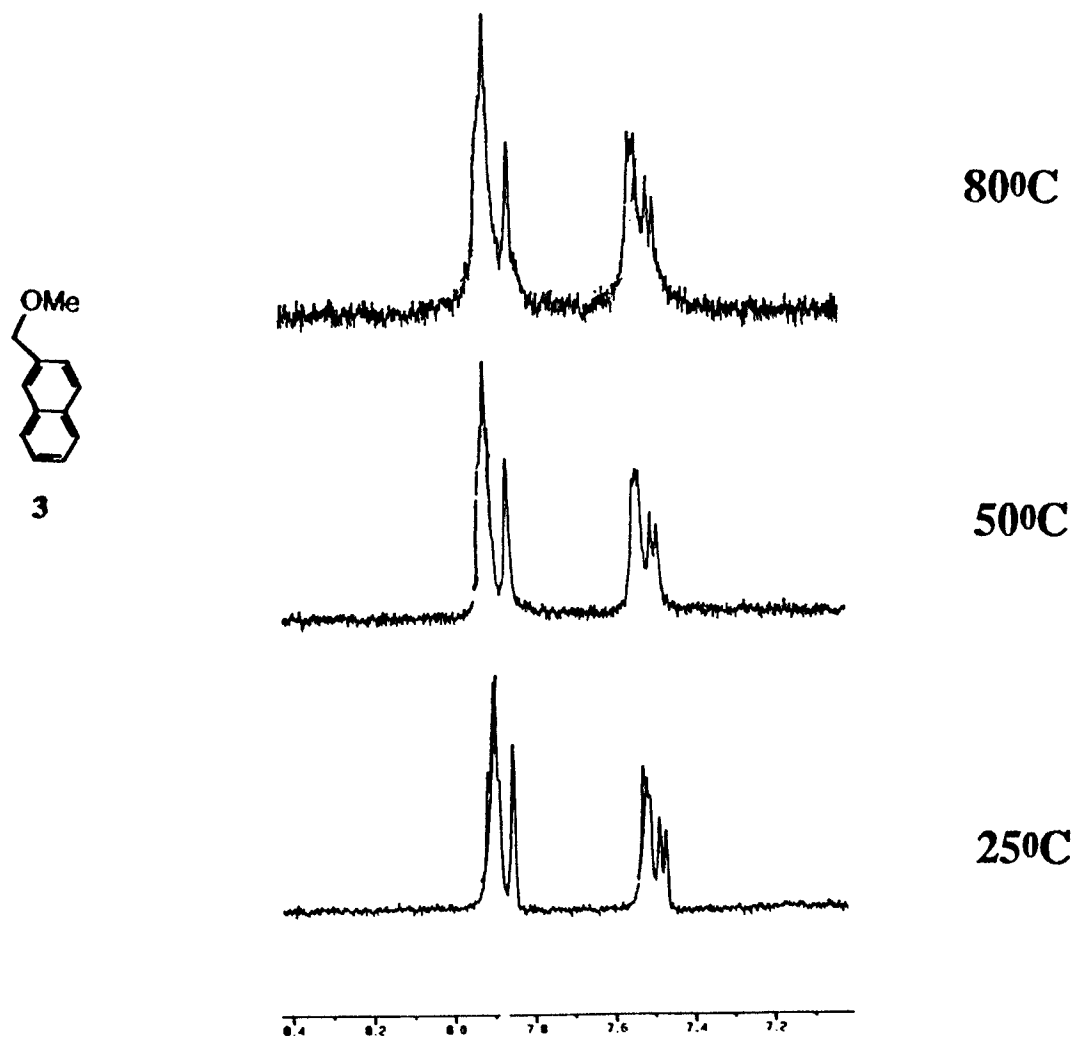


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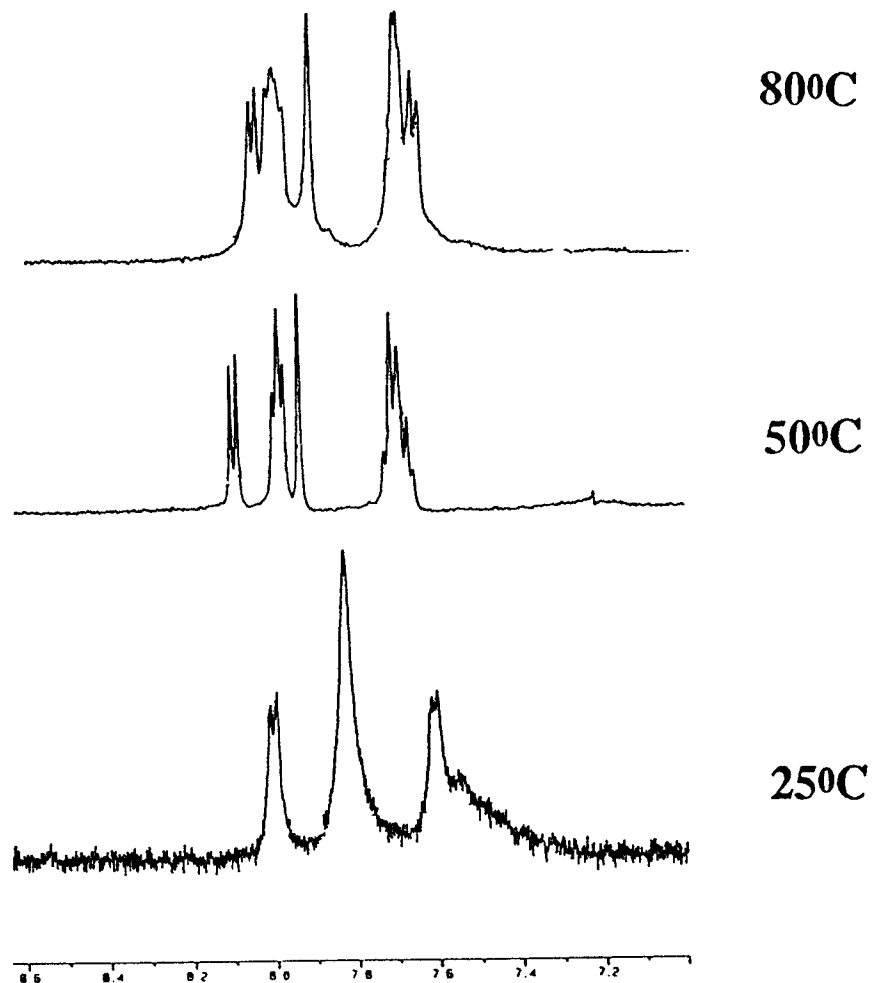
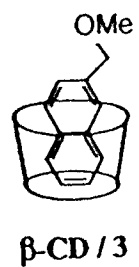
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Aromatic ^1H NMR (400 MHz, D_2O) region of compound 3 at 25, 50 and 80 $^\circ\text{C}$.

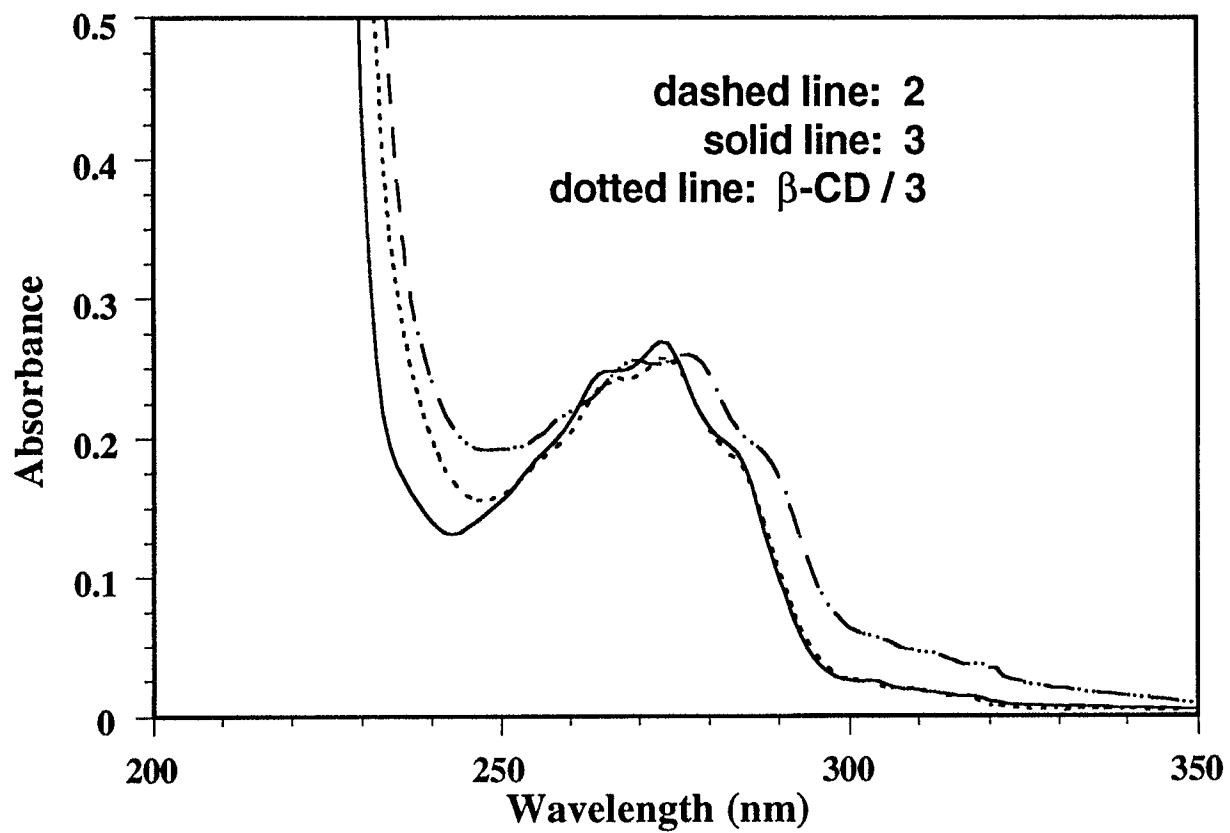


**Aromatic ^1H NMR (400 MHz, D_2O) region of
inclusion compound $\beta\text{-CD} / 3$ at 25, 50 and 80 $^\circ\text{C}$.**

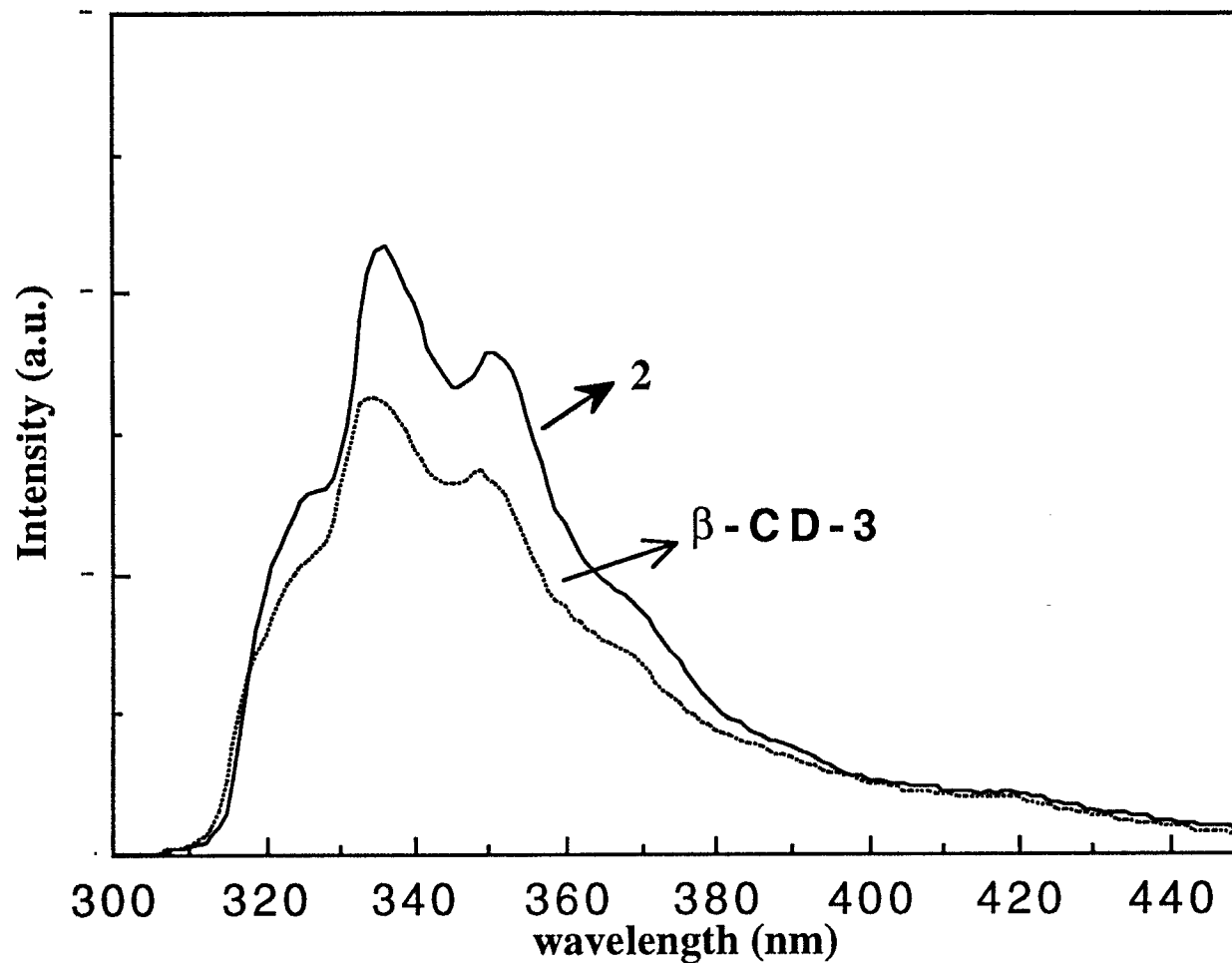


J-2751-2

UV-absorption spectra of 2, 3 and β -CD / 3 in H₂O.



Fluorescence spectra of 2 and β -CD/3 in H₂O
(excitation at 275 nm, optically matched solutions with Abs = 0.1)



J-2751-4

Fluorescence Properties of compound 2, 3 and β -CD /3 in H₂O

Compound	Conditions	τ (nsec) ^a	$k_q\tau$ ^b	k_q (10 ⁹) ^c	
2	Air sat'd	20.6	39.9	2.67	
2	Ar sat'd	21.0			
3/ β -CD	Air sat'd	26.0	62.1	2.26	
3/ β -CD	Ar sat'd	27.4			
3	Air sat'd	24.3	73.6	1.90	
3	Ar sat'd	27.5			

^afluorescence lifetimes; ^bFrom slope of Stern Volmer quenching plots (M⁻¹s⁻¹)

^ccalculated bimolecular quenching rate constants. All measurements were carried out with optically dilute samples