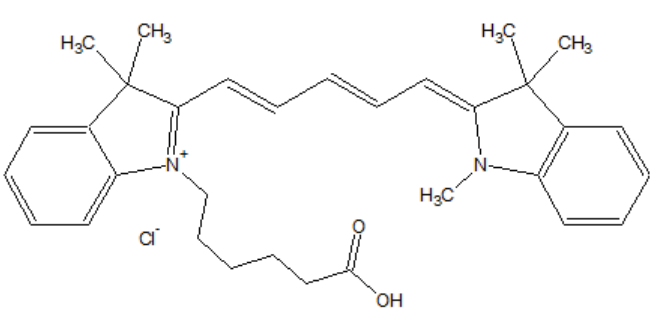




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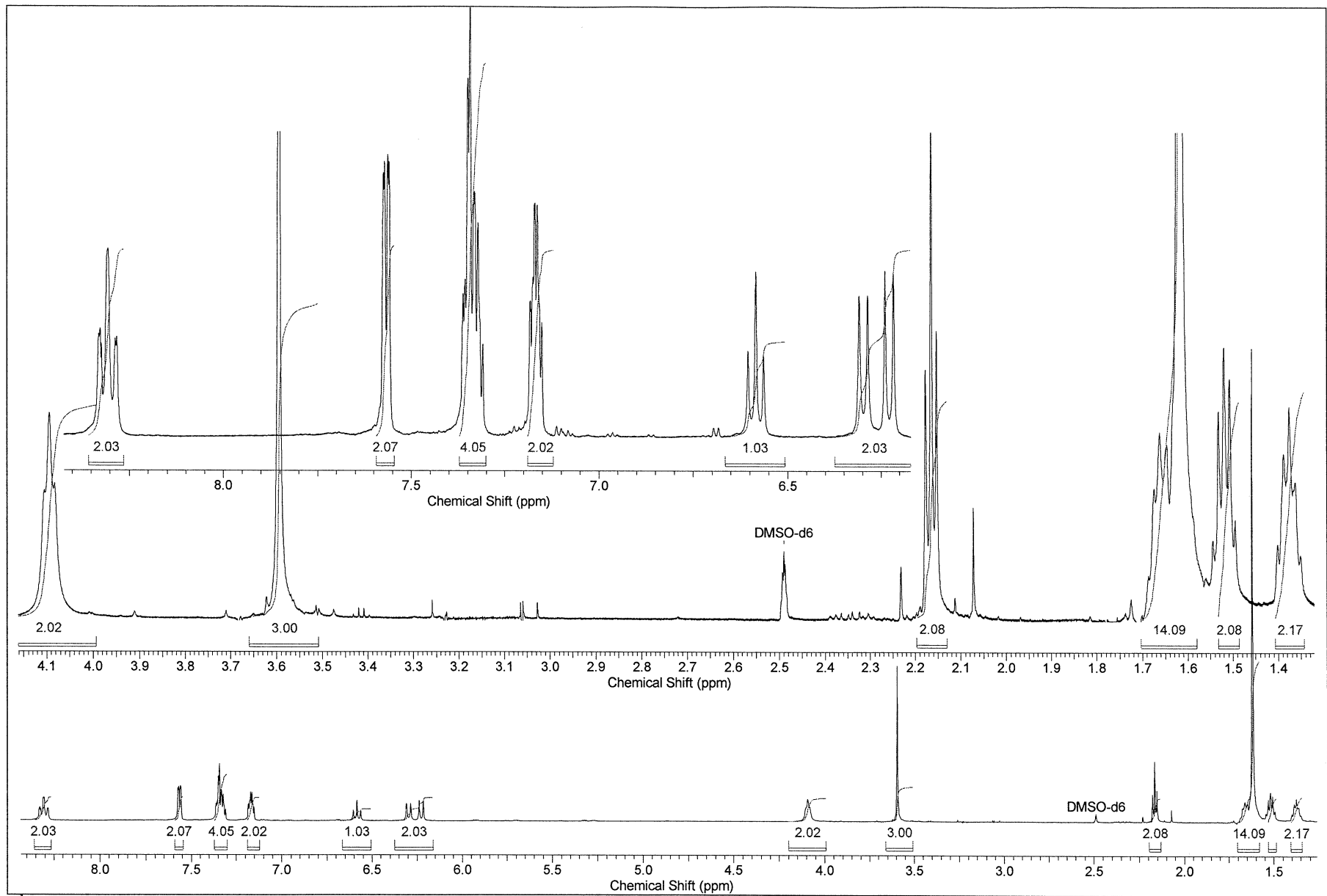
## CERTIFICATE OF ANALYSIS

Date 02/23/2013

<b>Product name:</b>	Cy5 carboxylic acid	<b>cat. no.</b>	Lot 10006, Lot 20006	
<b>Structure</b>				
<b>FW</b>				<b>519.12</b>
<b>Appearance</b>				dark blue solid
<b>Purity</b>				95+%

### QUALITY CONTROL

<b><sup>1</sup>H NMR</b>	95+%	Analytical Data page 1
<b><sup>13</sup>C NMR</b>	95+%	Analytical Data page 2
<b>TLC</b>	pass	major spot in 15% MeOH in CHCl <sub>3</sub>



$^1\text{H}$  NMR ( $\text{DMSO-}d_6$ , 600 MHz)

