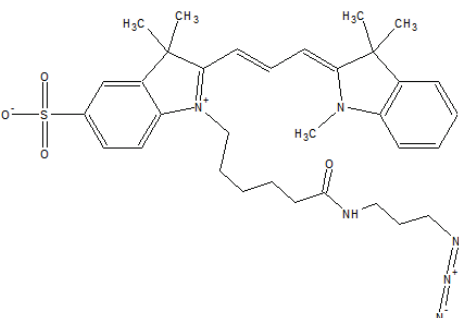




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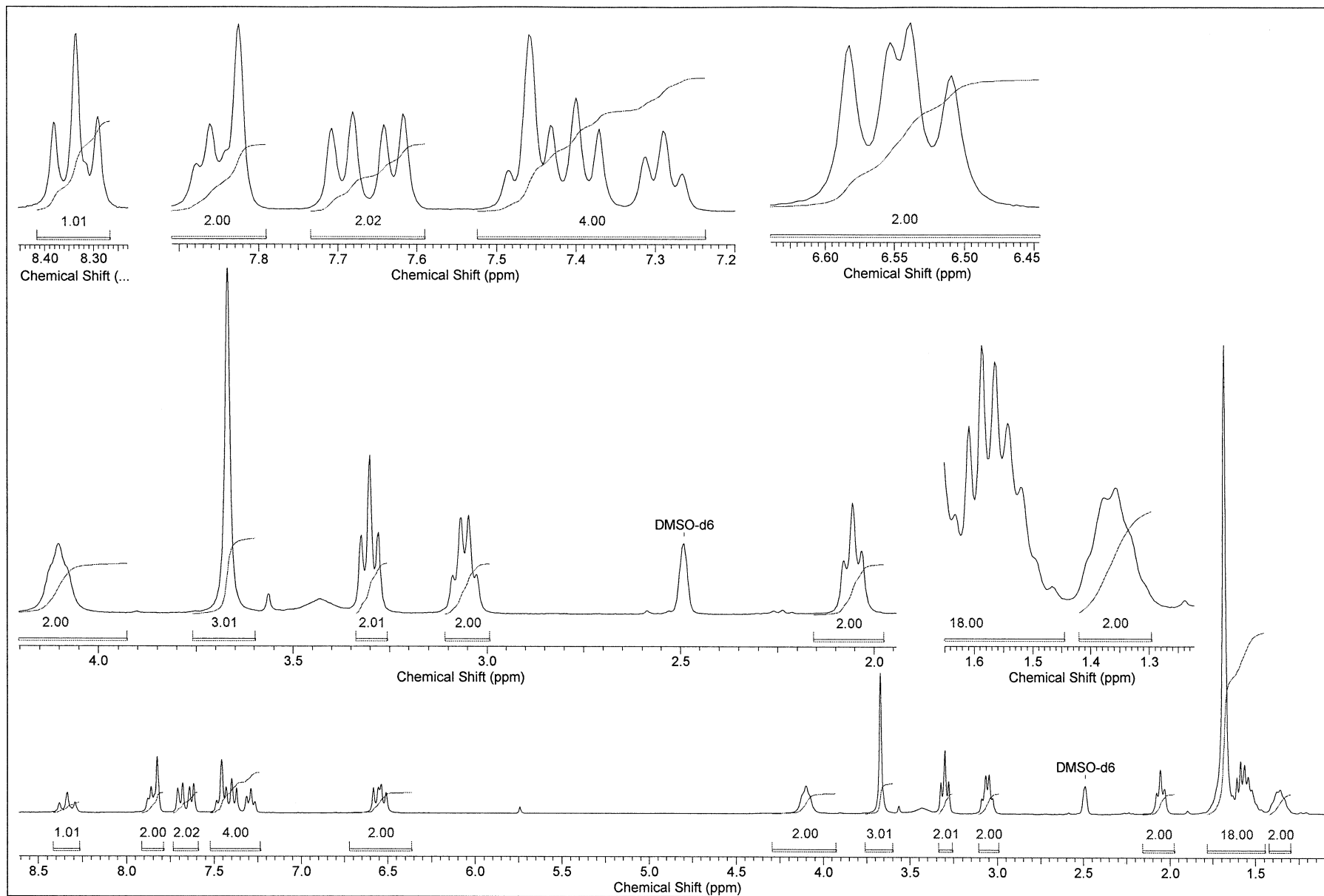
## CERTIFICATE OF ANALYSIS

Date 02/23/2013

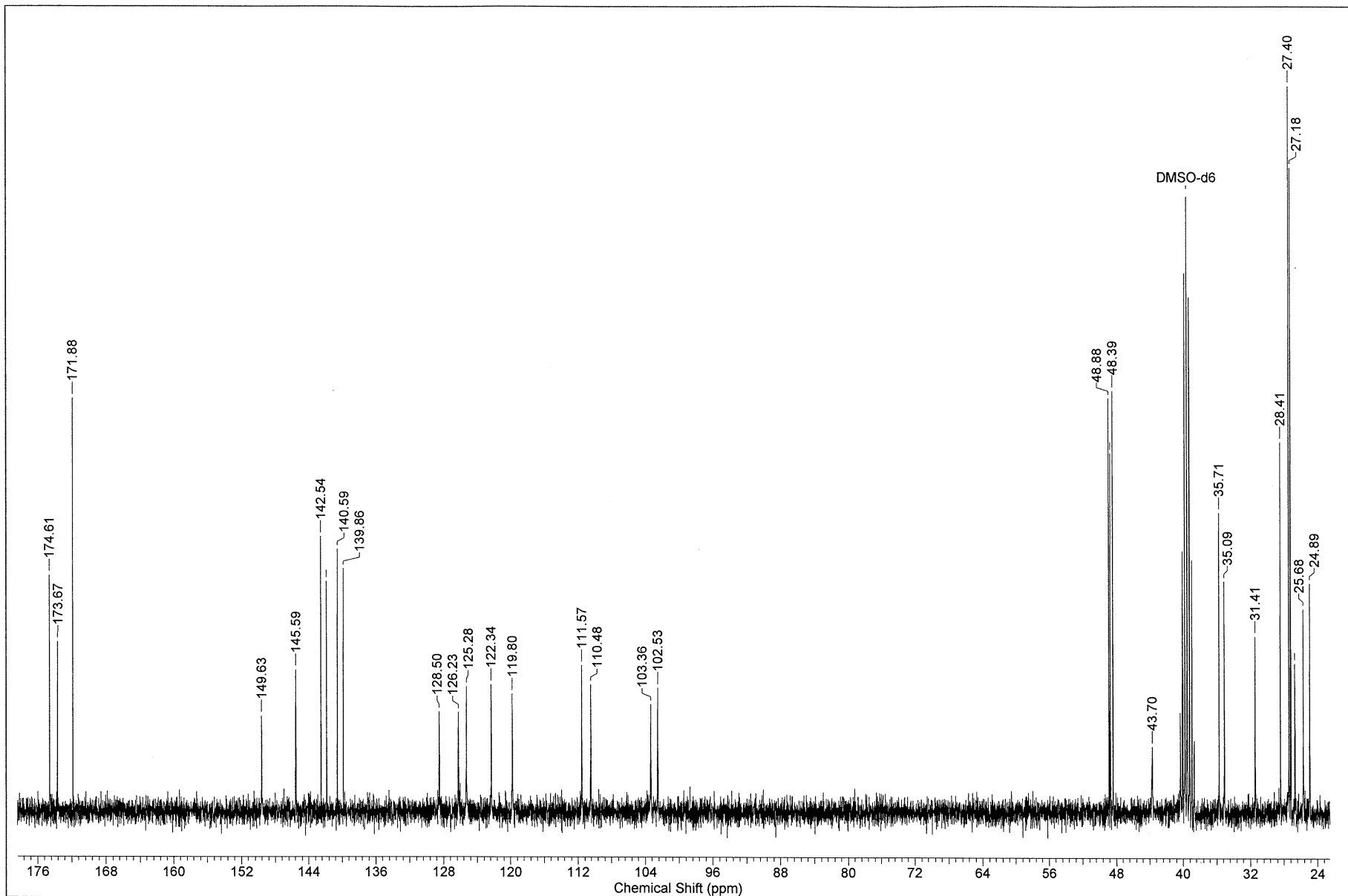
<b>Product name:</b>	monoSulfo – Cy3 azide	<b>cat. no.</b>	Lot 10011, Lot 20011, Lot 30011, Lot 40011
<b>Structure</b>		<b>FW</b>	<b>618.79</b>
		<b>Appearance</b>	purple solid
		<b>Purity</b>	95+%

### 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>Functional testing</b>	pass	reaction with alkyne controlled by TLC



$^1\text{H}$  NMR ( $\text{DMSO-}d_6$ , 300 MHz)



<sup>13</sup>C NMR (DMSO-d<sub>6</sub>, 75 MHz)