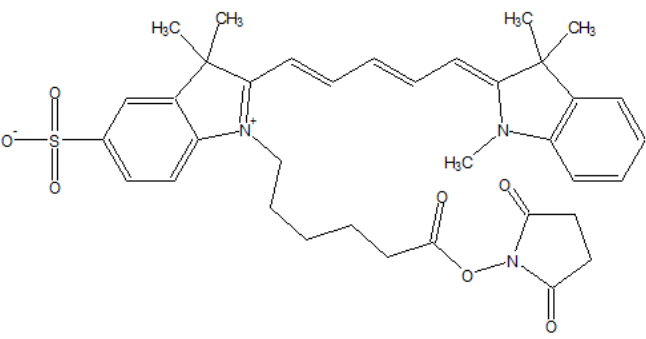




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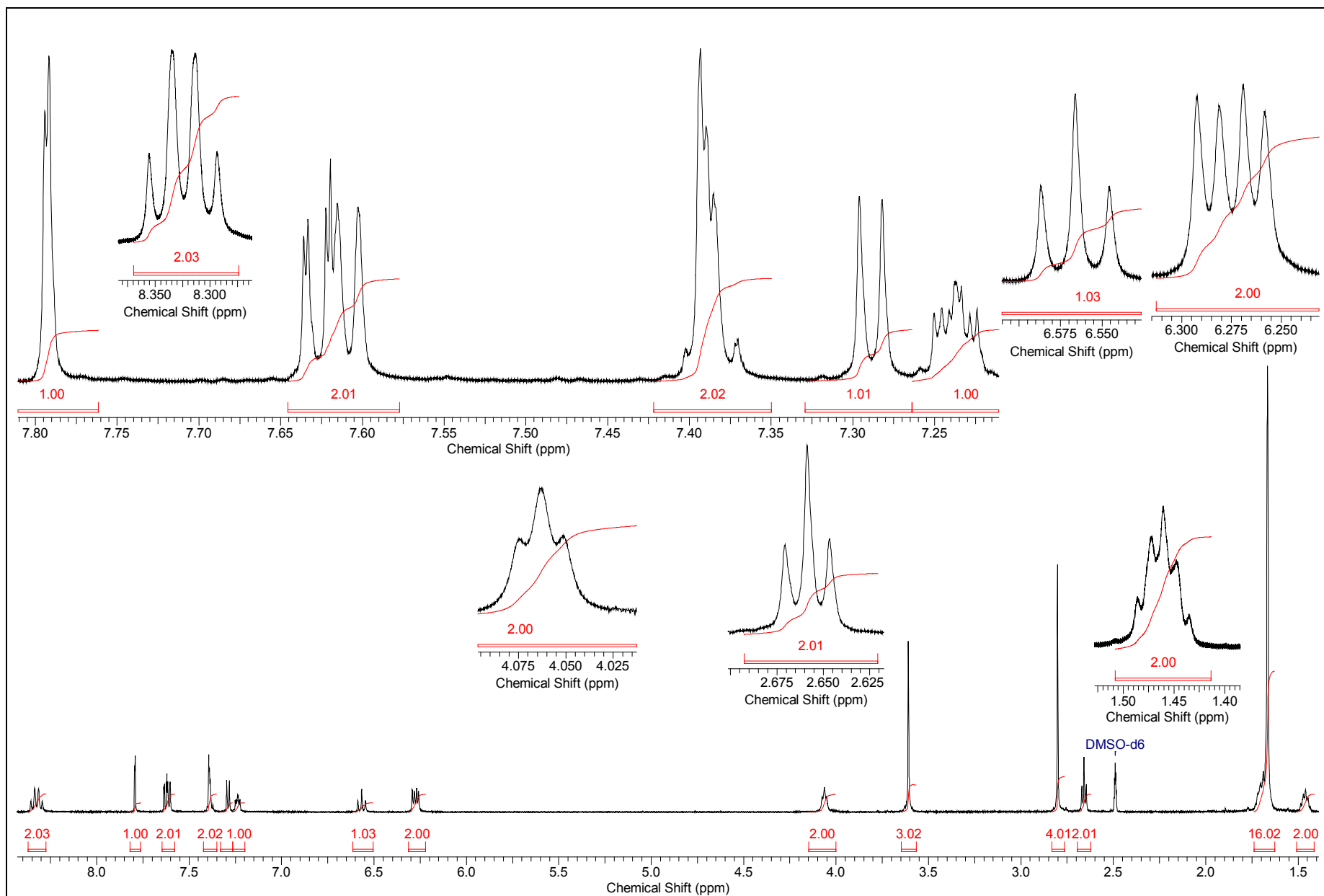
CERTIFICATE OF ANALYSIS

Date 02/23/2013

Product name:	monoSulfo – Cy5 NHS Ester	cat. no.	Lot 10018, Lot 20018, Lot 30018, Lot 40018
Structure		FW	659.79
		Appearance	dark blue solid
		Purity	95+%

QUALITY CONTROL

¹H NMR	95+%	Analytical Data page 1
TLC	pass	major spot in 20% MeOH in CHCl ₃
Functional testing	pass	reaction with 6-aminohexanol controlled by TLC



¹H NMR (DMSO-*d*₆, 600 MHz)