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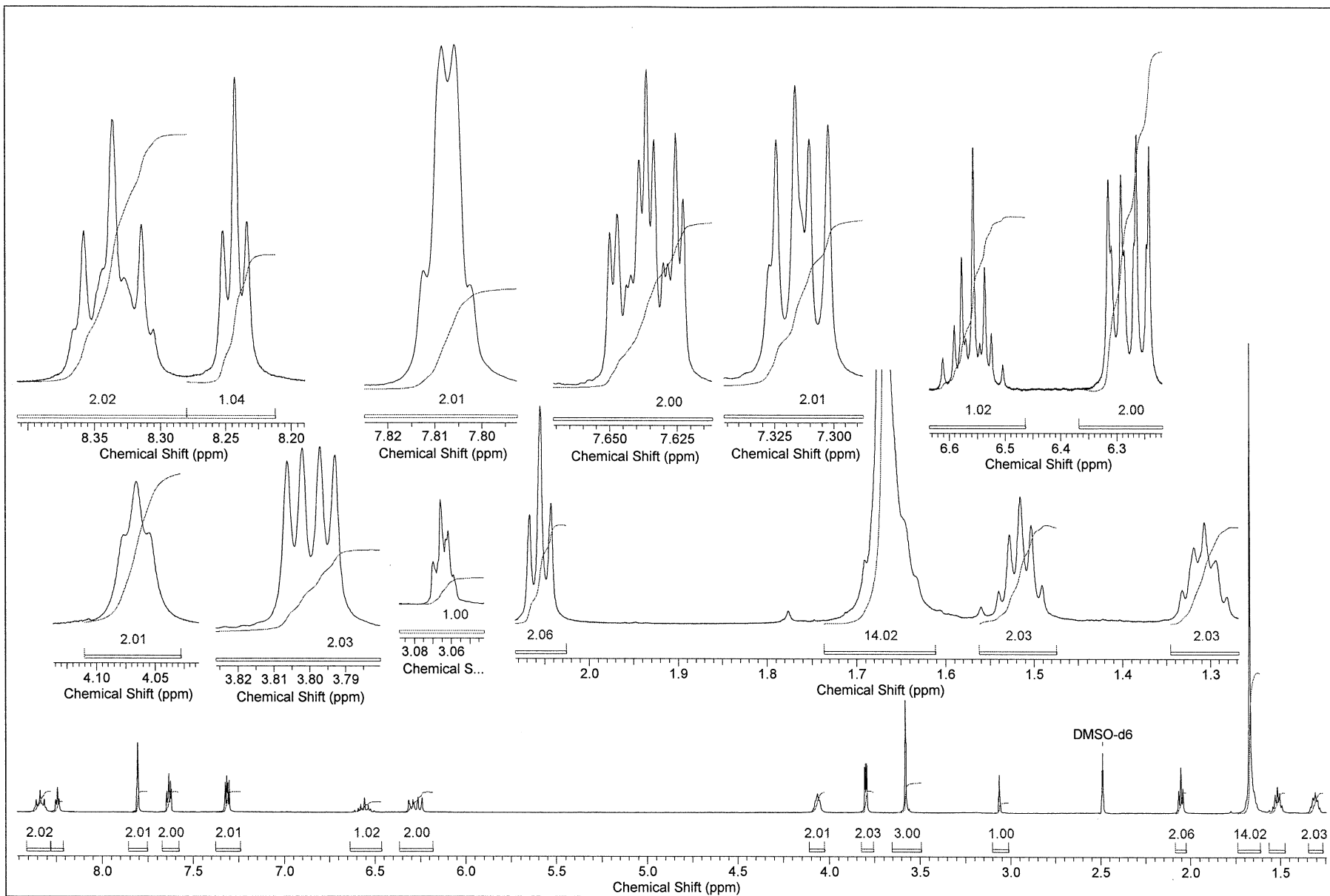
CERTIFICATE OF ANALYSIS

Date 02/23/2013

Product name:	diSulfo – Cy5 alkyne	cat. no.	Lot 10016, Lot 20016, Lot 30016, Lot 40016	
Structure				
FW				701.83
Appearance				dark blue solid
Purity				95+%

QUALITY CONTROL

¹H NMR	95+%	Analytical Data page 1
Functional testing	pass	reaction with azide controlled by TLC
TLC	pass	major spot in 15% MeOH in CHCl ₃



^1H NMR (DMSO- d_6 , 600 MHz)