

Supplementary material

Higenamine 4'-*O*- β -D-glucoside in the lotus plumule induces glucose uptake of L6 cells through β 2-adrenergic receptor

Eisuke Kato ^{a, *}, Yosuke Inagaki ^b, and Jun Kawabata ^a

^aLaboratory of Food Biochemistry, Division of Applied Bioscience, Graduate School of Agriculture, Hokkaido University, Kita-ku, Sapporo, Hokkaido 060-8589, Japan

^bNippon Supplement, Inc., Applause Tower 18F, 19-19, Chayamachi, Kita-ku, Osaka 530-0013, Japan

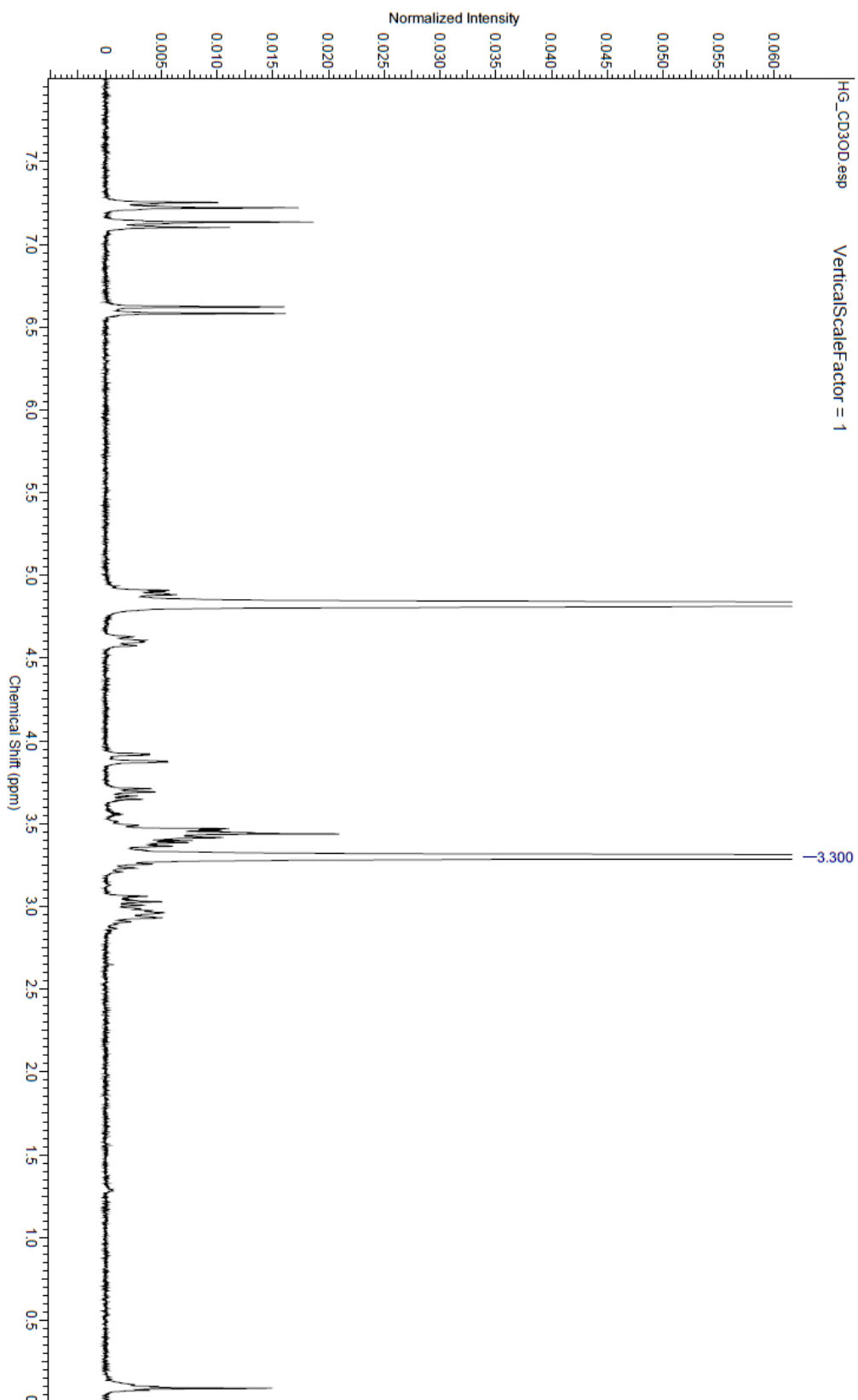
*Corresponding author:

Tel/Fax: +81-11-706-2496

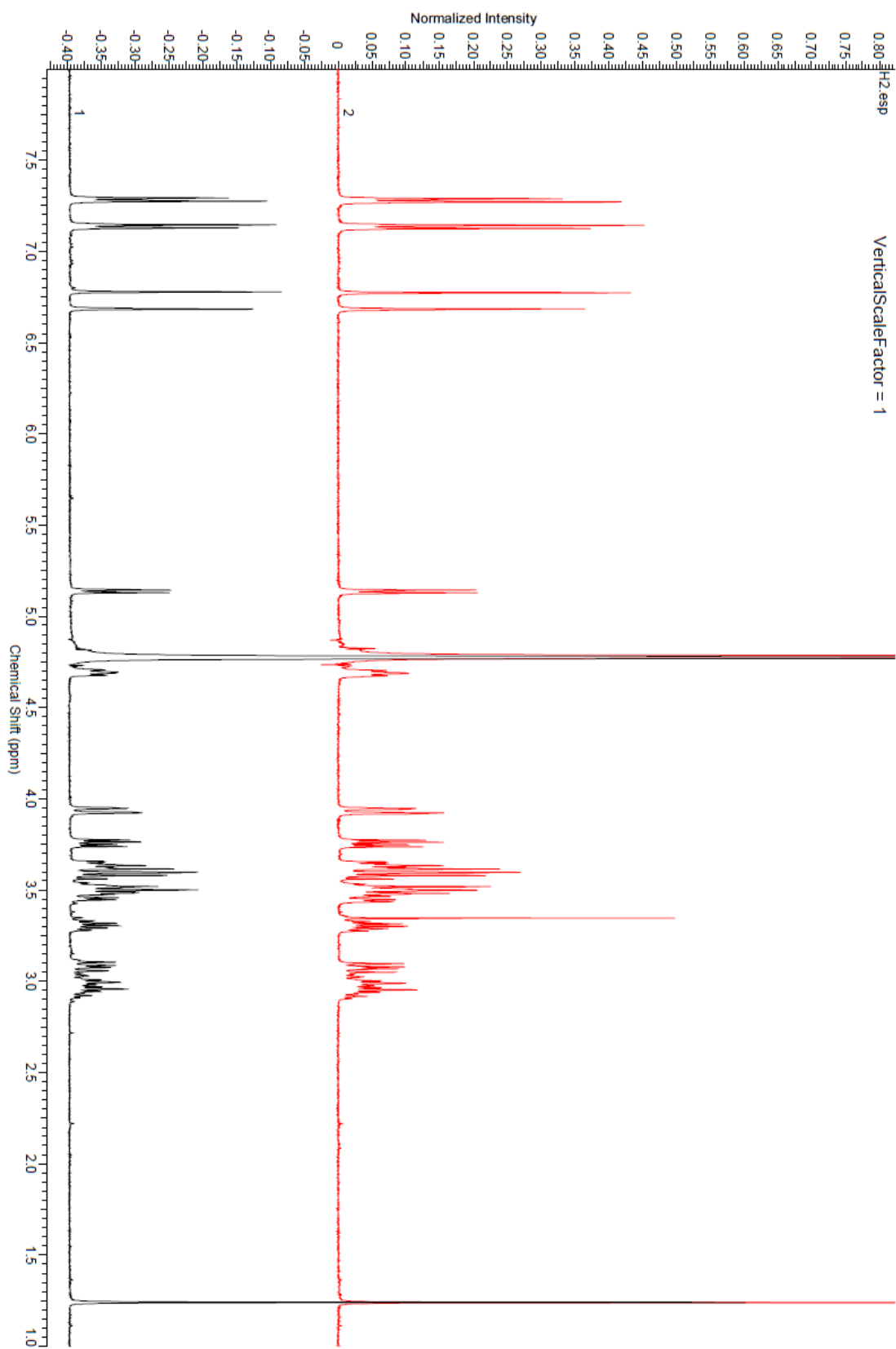
E-mail address: eikato@chem.agr.hokudai.ac.jp

This report was created by ACD/NMR Processor Academic Edition. For more information go to www.acdlabs.com/nmrproc/

Acquisition Time (sec)	3.0331	Date	05 Aug 2013 09:13:50	Date Stamp	Mon Aug 05 09:13:09 2013
File Name	D:\NMR\2013-08-05-2.ac	Points Count	16384	Nucleus	¹ H
Original Points Count	16384	Sweep Width (Hz)	5401.76	Receiver Gain	23.00
Spectrum Offset (Hz)	1498.9984	Temperature (degree C)	26.000	Number of Transients	128
				Solvent	METHANOL-d4



Supplementary Fig 1. ¹H-NMR spectra of isolated **1** in CD₃OD (270 MHz).



Supplementary Fig 2. ¹H-NMR spectra of isolated (black) and synthetic (red) **1** in D₂O (500 MHz).