

Supporting Information

Design, Synthesis and Biological Evaluation of [1,2,5]oxadiazolo[3,4-*b*]pyridin-7-ol as Mitochondrial Uncouplers for the Treatment of Obesity and Metabolic Dysfunction-Associated Steatohepatitis

Mary A. Foutz,¹ Emily L. Krinos,¹ Martina Beretta,² Stefan R. Hargett,³ Riya Shrestha,² Jacob H. Murray,¹ Ethan Duerre,¹ Joseph M. Salamoun,¹ Katrina McCarter,¹ Divya P. Shah,² Kyle L. Hoehn,^{2,3,*} Webster L. Santos^{1,*}

¹Department of Chemistry and Virginia Tech Center for Drug Discovery, Virginia Tech, Blacksburg, Virginia 24061, United States.

²School of Biotechnology and Biomolecular Sciences, University of New South Wales, Kensington, NSW 2033, Australia.

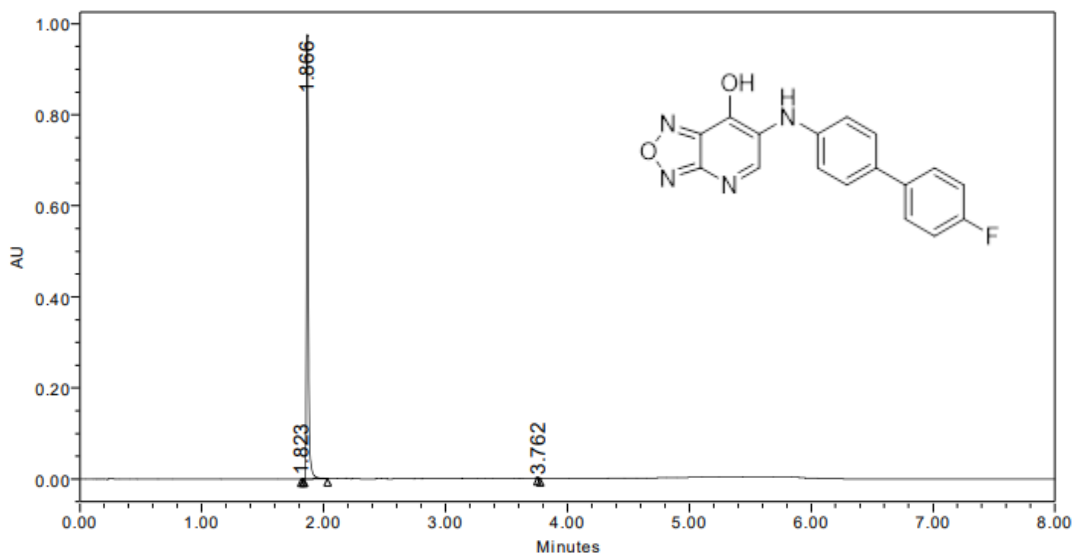
³Departments of Pharmacology and Medicine, University of Virginia, Charlottesville, Virginia 22908, United States.

*Corresponding Author Email: santosw@vt.edu, k.hoehn@unsw.edu.au

UPLC of compound 7ao, 7ap, 7al, and 7m (SHO1122147):.....	S2
¹ H, ¹³ C NMR of SHO1122147	S4
HRMS of SHO1122147	S5

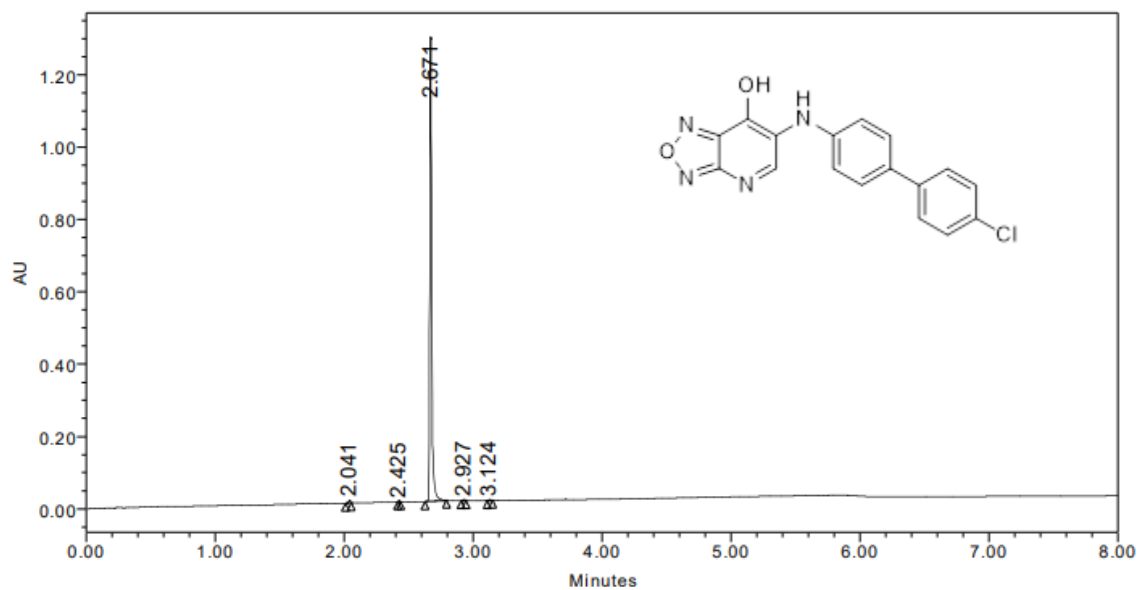
UPLC:

7ao



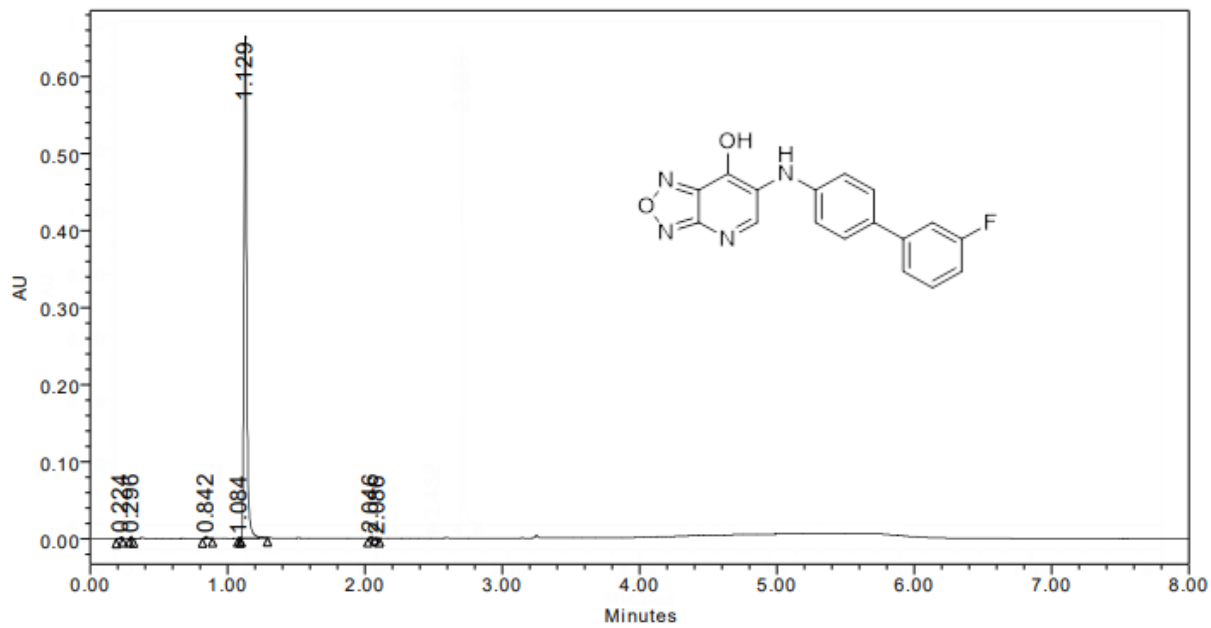
Method one used. Retention time 1.87 minutes, percent purity 99.90%

7ap



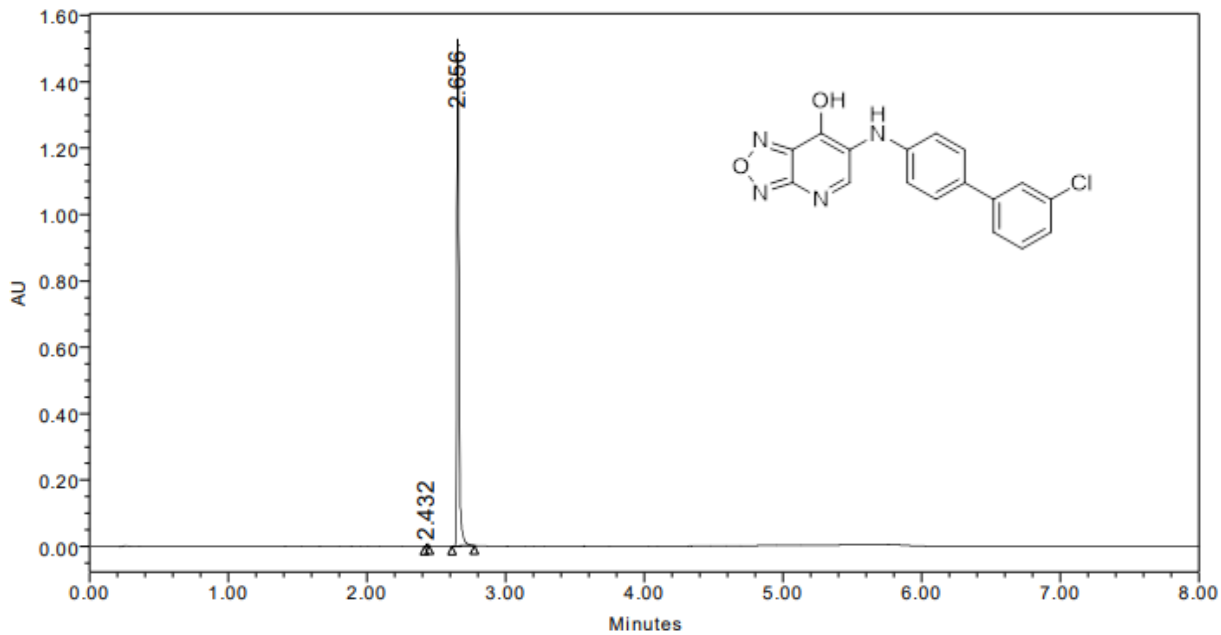
Method one used. Retention time 2.61 minutes, percent purity 99.14%

7al



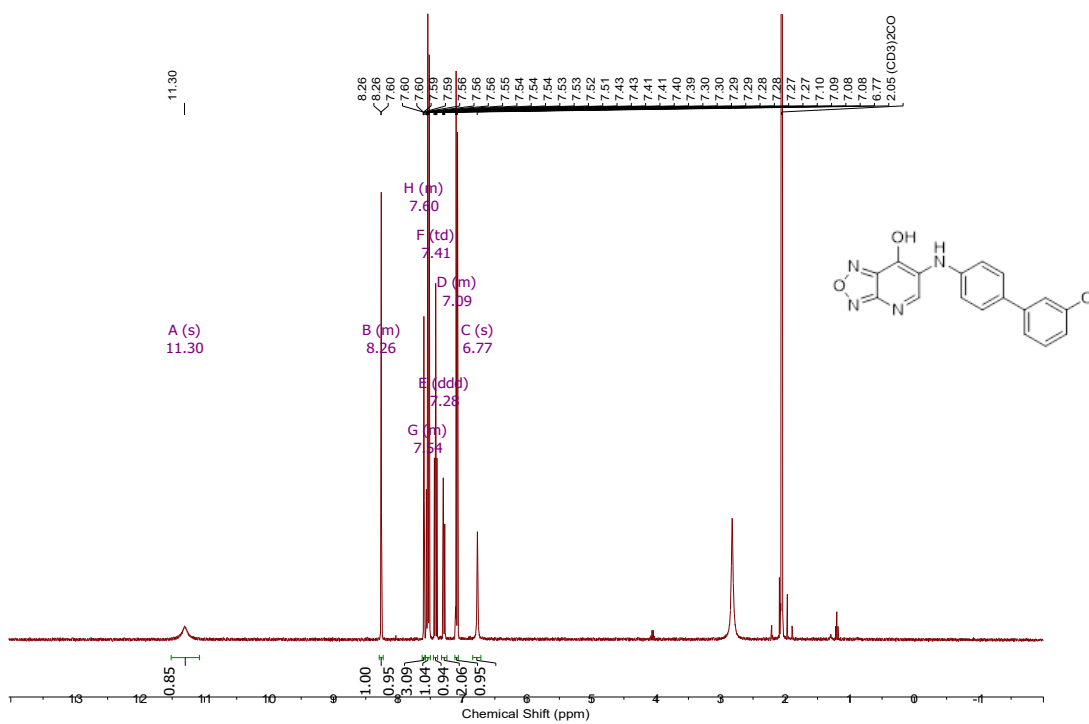
Method two used. Retention time 1.13 minutes, percent purity 98.93 %

SHO1122147

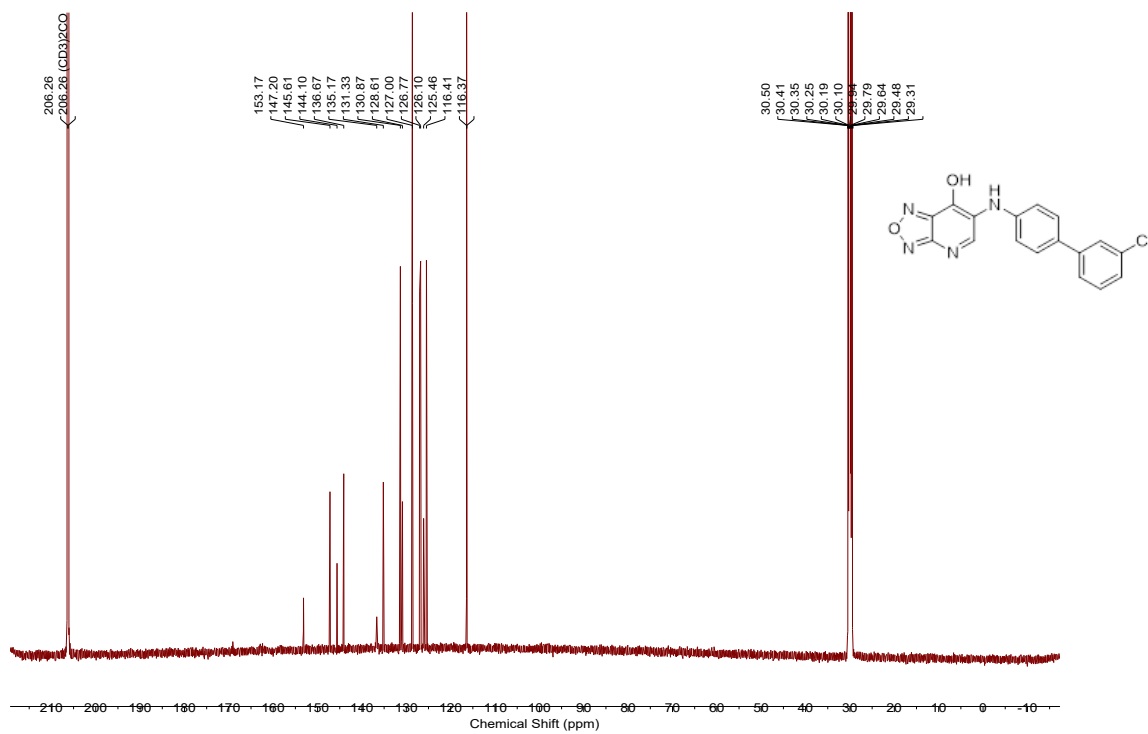


Method one used. Retention time 2.66 minutes, percent purity 99.65%

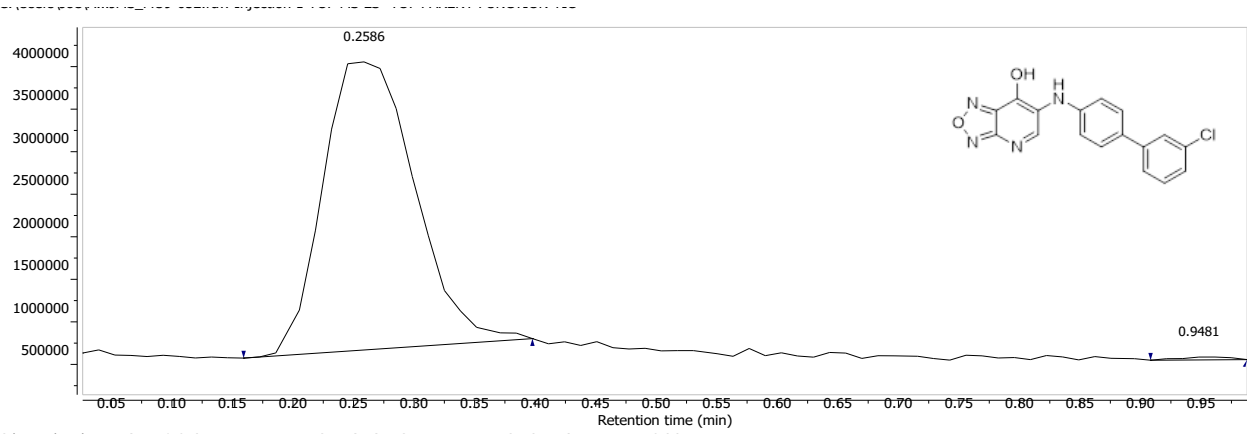
¹H NMR (400 MHz, Acetone-*d*₆) of SHO1122147



¹³C NMR (126 MHz, Acetone-*d*₆) of SHO1122147



HRMS of SHO1122147



C:\Users\Joe\A...JMS_MU9-052.raw Injection 1 TOF MS ES- TOF PARENT FUNCTION MS - spectrum 0.26

