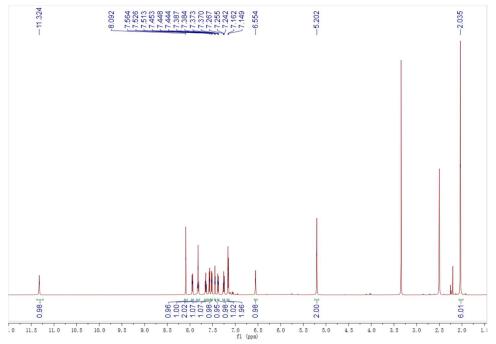
Synthesis and Evaluation of Novel 2H-Benzo[e][1,2,4]thiadiazine 1,1-Dioxide Derivatives as PI3K δ Inhibitors

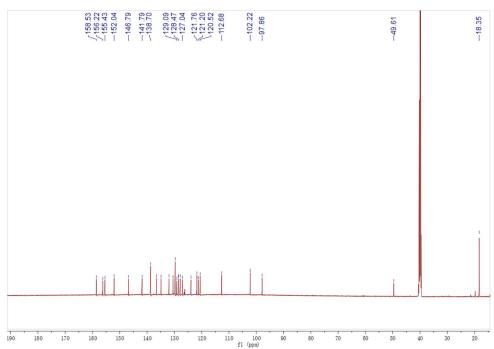
Ya-Ping Gongt, Long-Qian Tangt, Tong-Shen Liu, De-Feng Wang, Zhao-Peng Liu*

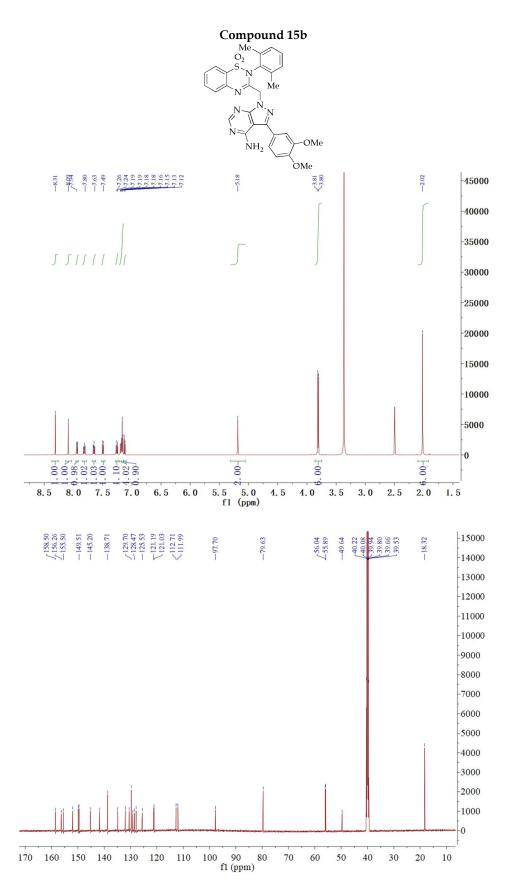
Department of Medicinal Chemistry, Key Laboratory of Chemical Biology (Ministry of Education), School of Pharmaceutical Sciences, Shandong University, Jinan 250012, PR China

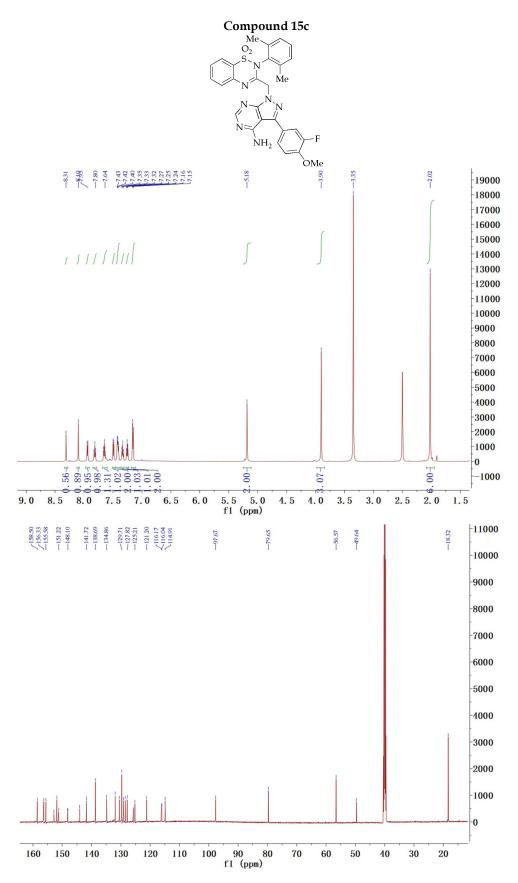
*Correspondence: liuzhaop@sdu.edu.cn; Tel. +86-531-88382006; Fax: +86-531-88382548

¹H and ¹³C-NMR spectra and HRMS for compounds **15a–J** and **16a–d**......2-15

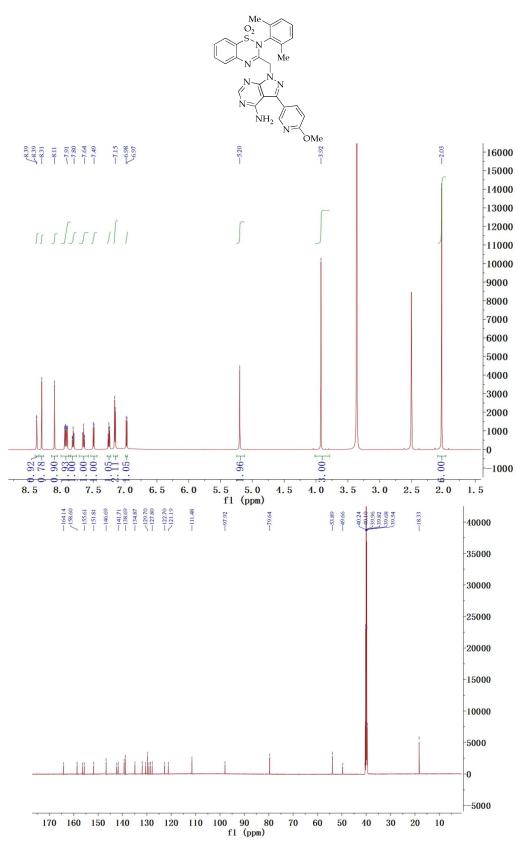


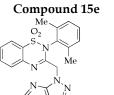




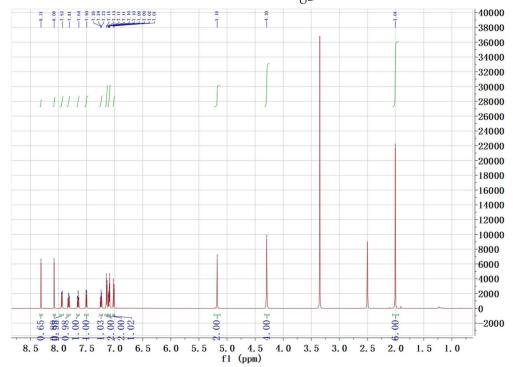


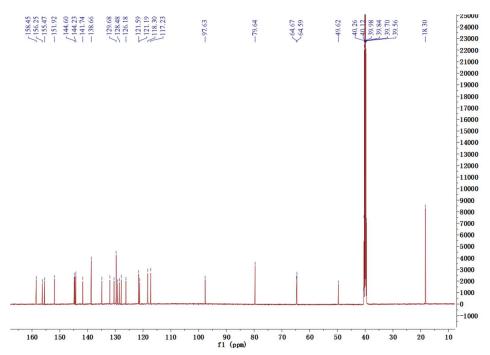
Compound 15d



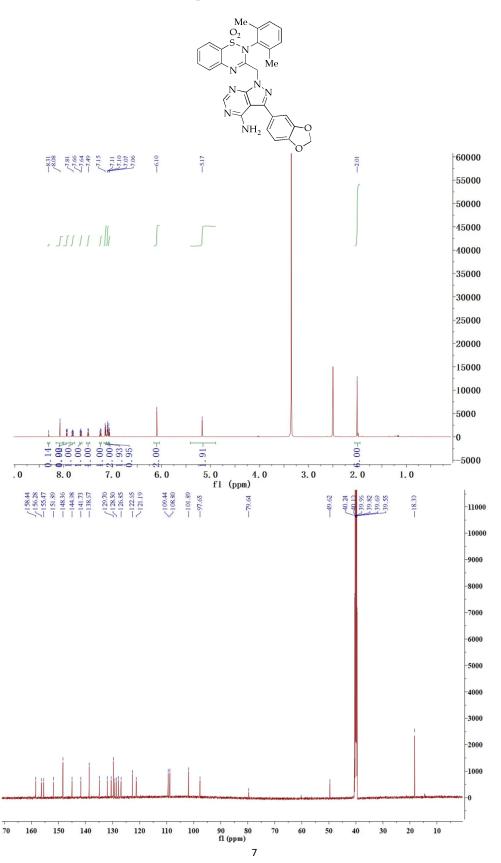


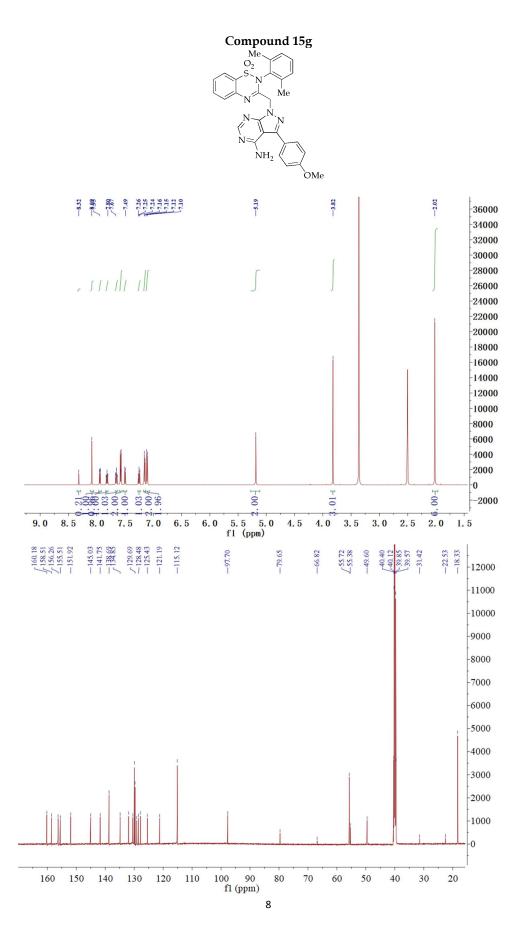




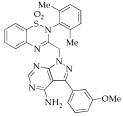


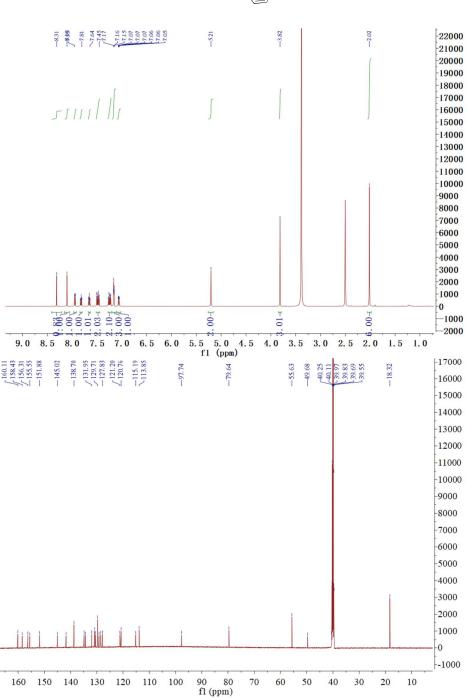
Compound 15f



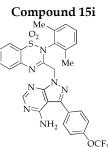


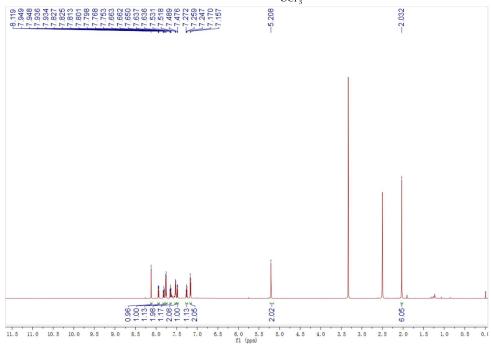
Compound 15h

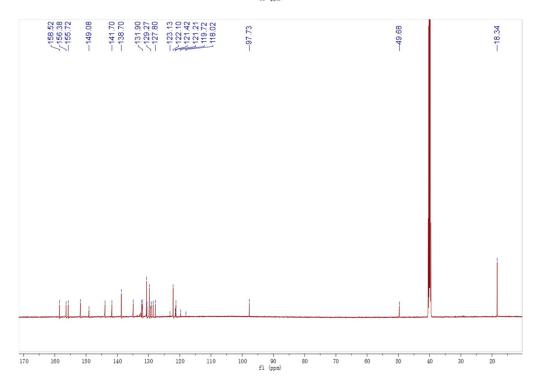


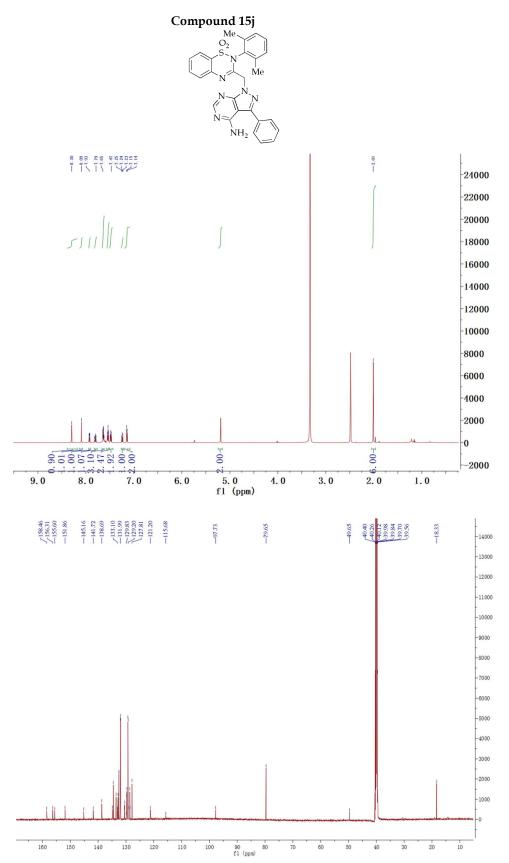


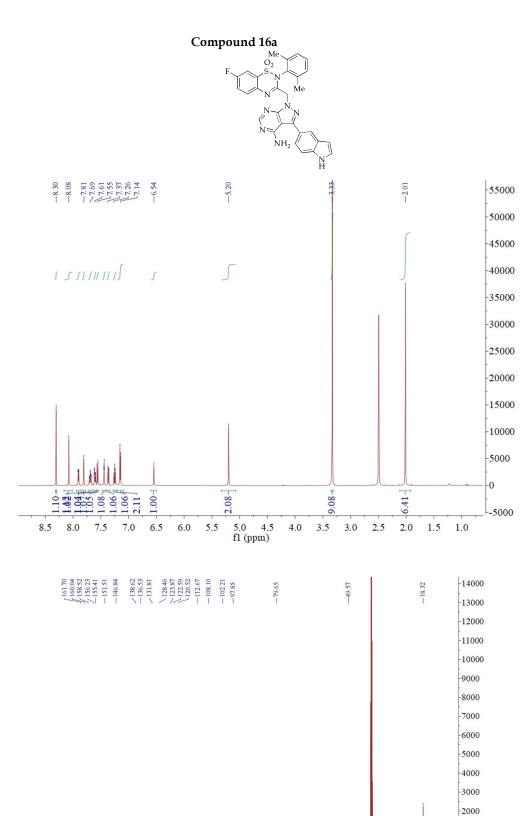










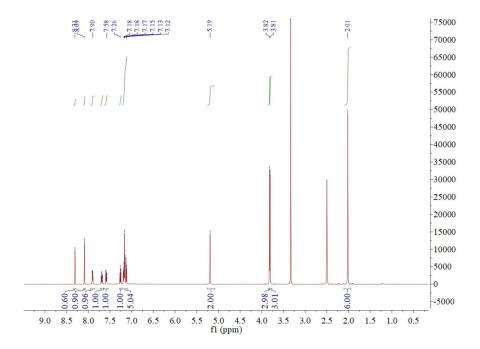


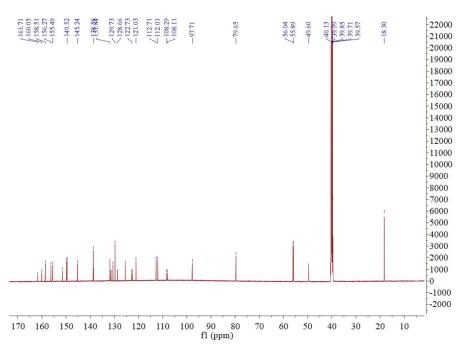
40

170 160 150 140 130 120 110 100 90 80 fl (ppm)

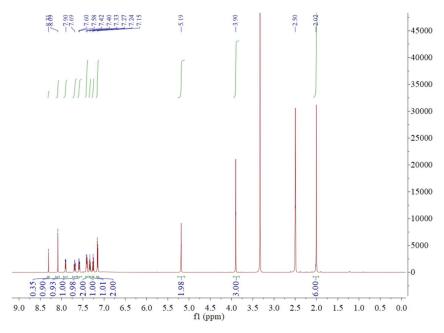
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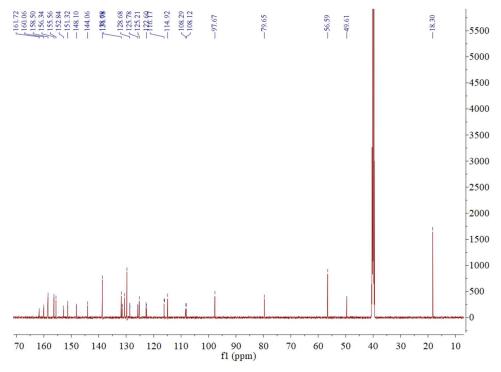
Compound 16b





Compound 16c





Compound 16d

