

Supporting Information

Analgesic and Anticancer Activity of Benzoxazole Clubbed 2-Pyrrolidinones as Novel Inhibitors of Monoacylglycerol Lipase

Obaid Afzal ^{1,*}, Abdulmalik Saleh Alfawaz Altamimi ^{1,*}, Mir Mohammad Shahroz ², Hemant Kumar Sharma ², Yassine Riadi ¹, and Md Quamrul Hassan ³

¹ Department of Pharmaceutical Chemistry, College of Pharmacy, Prince Sattam Bin Abdulaziz University, Al Kharj 11942, Saudi Arabia; y.riadi@psau.edu.sa

² Department of Pharmaceutical Chemistry, College of Pharmacy, Sri Satya Sai University of Technology and Medical Sciences, Sehore 466001, Madhya Pradesh, India; mirshahroz@gmail.com (M.M.S.); hkspharma@rediffmail.com (H.K.S.)

³ Department of Pharmacology, School of Pharmaceutical Education and Research, Jamia Hamdard, New Delhi 110062, India; quamrulhassan309@gmail.com

* Correspondence: o.akram@psau.edu.sa (O.A.); as.altamimi@psau.edu.sa (A.S.A.A.); Tel.: +96-611-588-6094 (O.A.); +96-611-588-6072 (A.S.A.A.)

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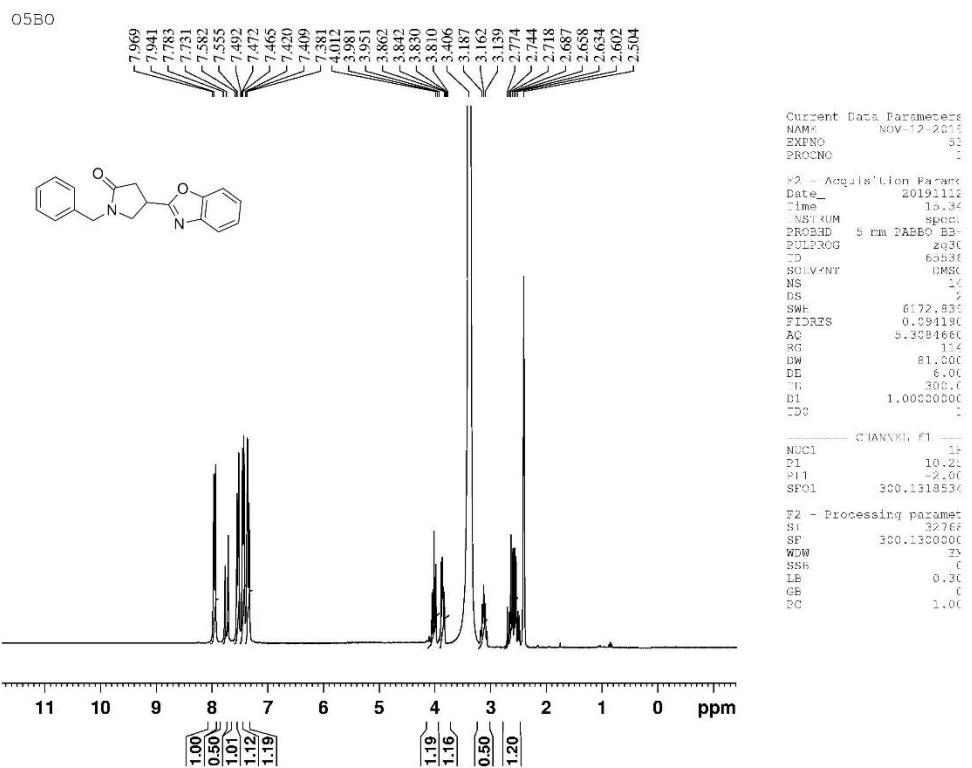


Figure S1: ^1H NMR spectrum of 4-(benzo[*d*]oxazol-2-yl)-1-benzylpyrrolidin-2-one (**11**)

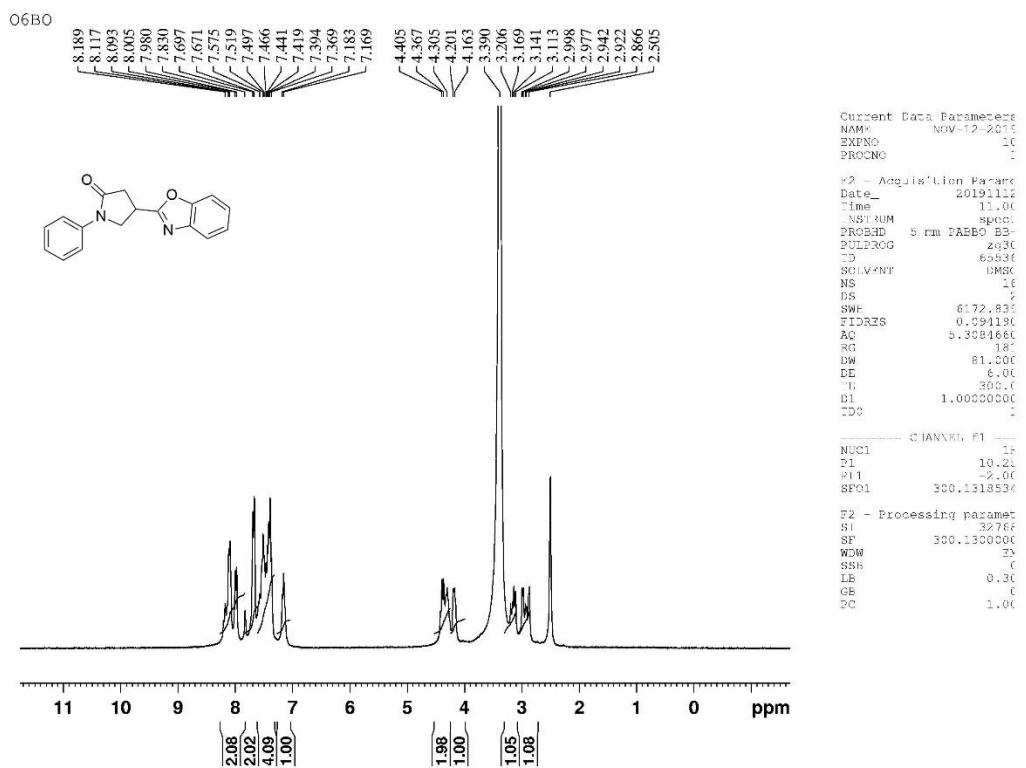


Figure S2: ¹H NMR spectrum of 4-(benzo[d]oxazol-2-yl)-1-phenylpyrrolidin-2-one (**12**)

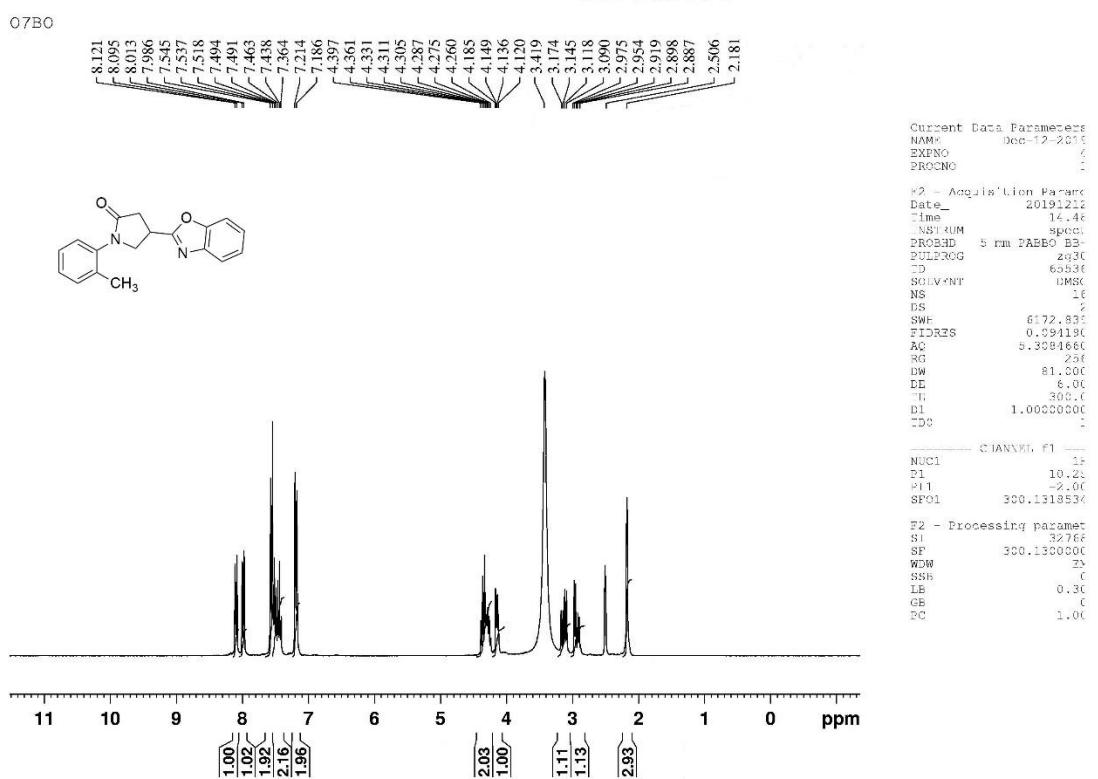


Figure S3: ^1H NMR spectrum of 4-(benzo[*d*]oxazol-2-yl)-1-(*o*-tolyl)pyrrolidin-2-one (**13**)

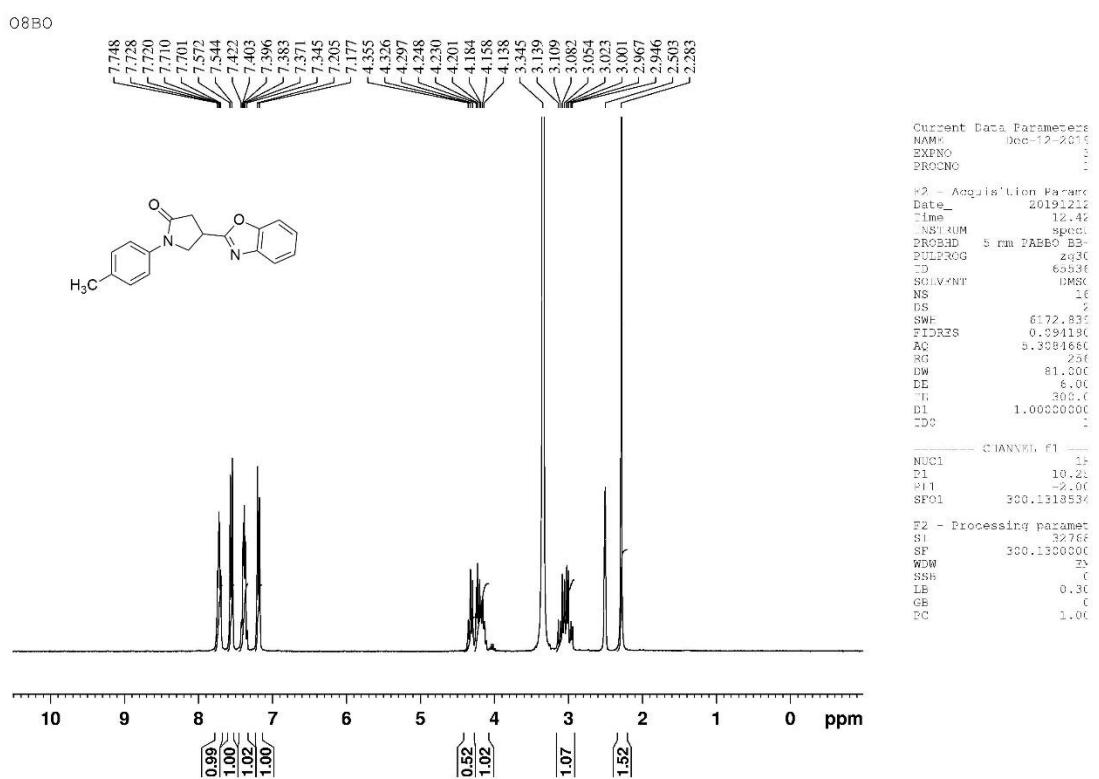
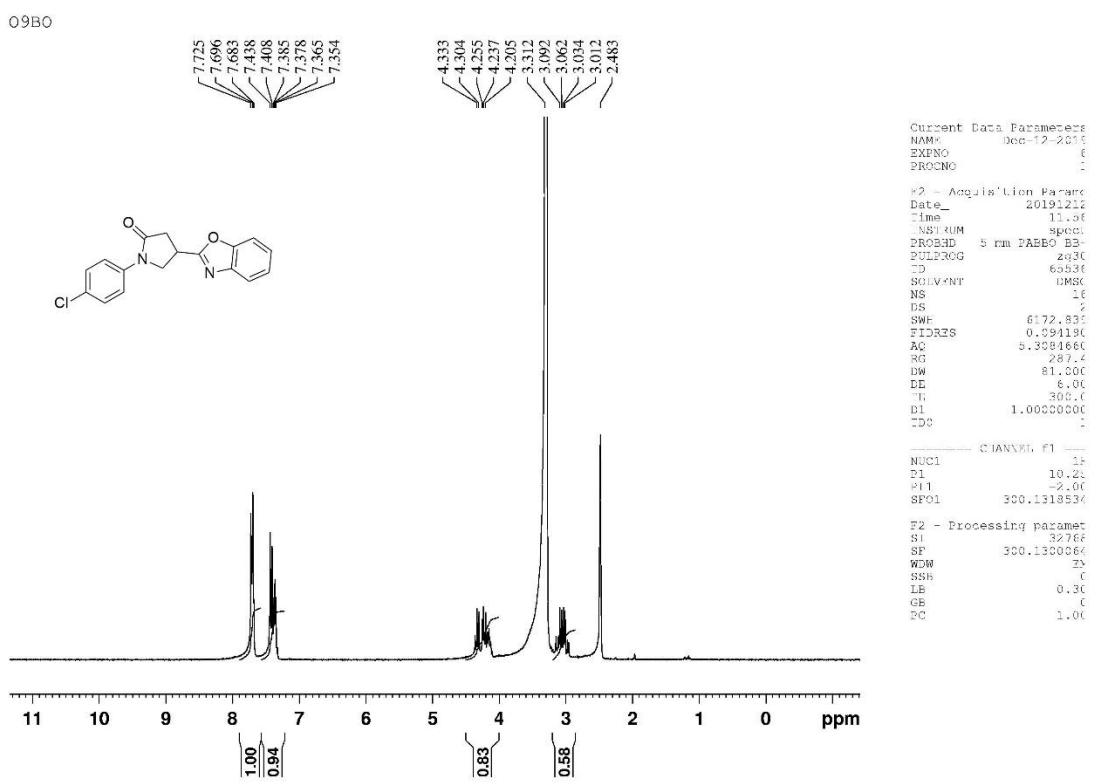


Figure S4: ^1H NMR spectrum of 4-(benzo[d]oxazol-2-yl)-1-(*p*-tolyl)pyrrolidin-2-one (**14**)



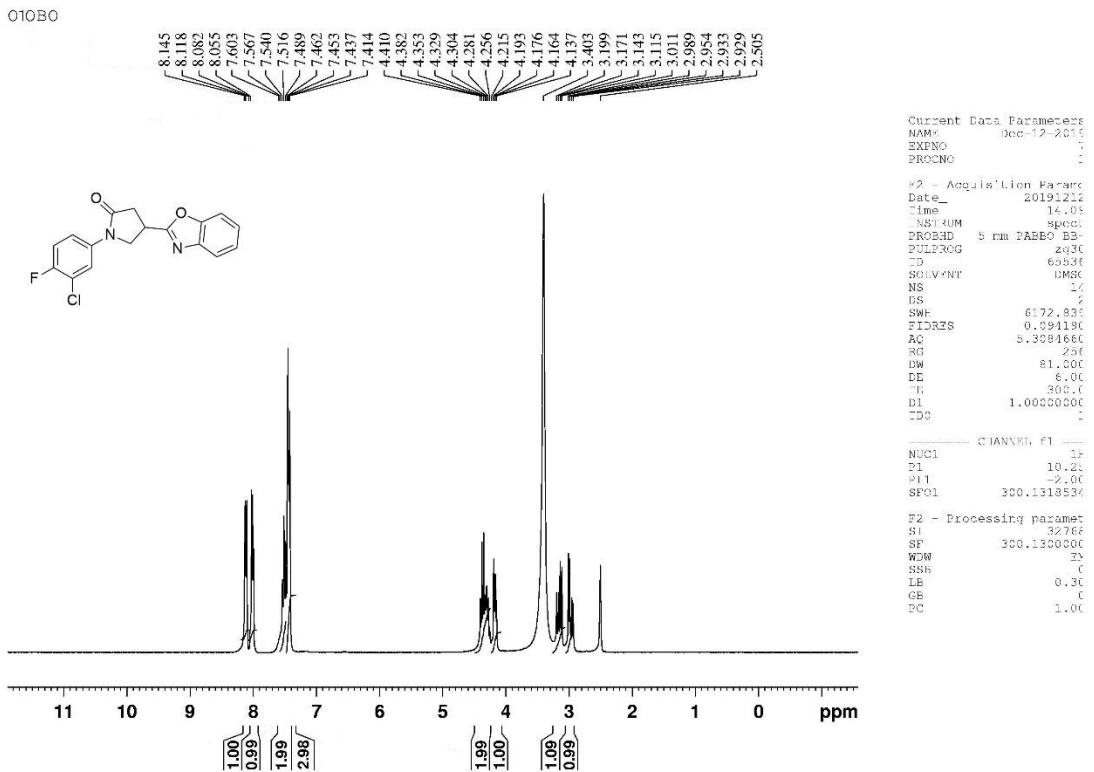


Figure S6: ^1H NMR spectrum of 4-(benzo[*d*]oxazol-2-yl)-1-(3-chloro-4-fluorophenyl)pyrrolidin-2-one (**16**)

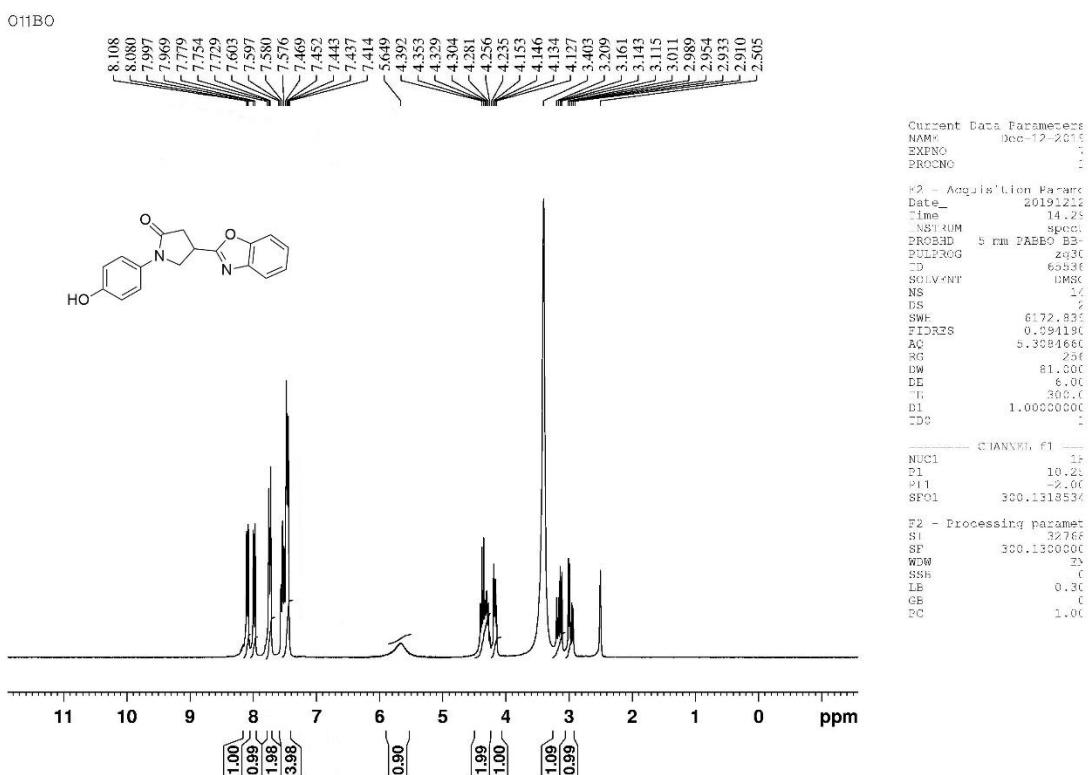


Figure S7: ^1H NMR spectrum of 4-(benzo[*d*]oxazol-2-yl)-1-(4-hydroxyphenyl)pyrrolidin-2-one (**17**)

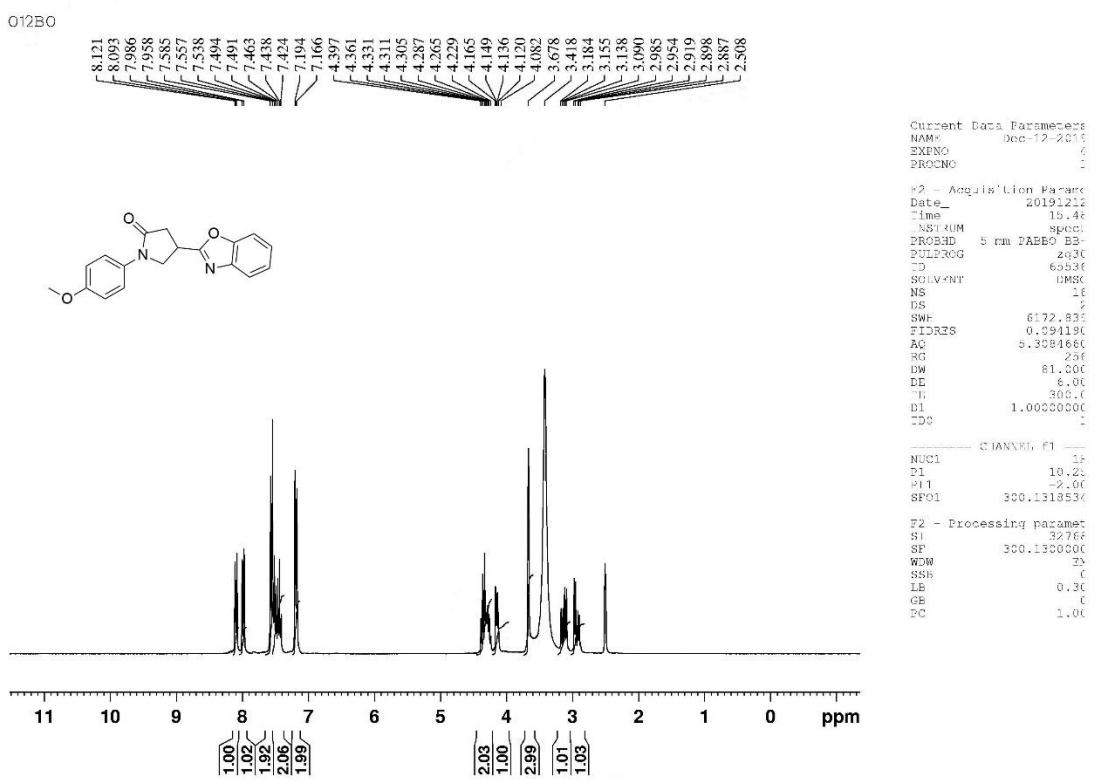


Figure S8: ^1H NMR spectrum of 4-(benzo[*d*]oxazol-2-yl)-1-(4-methoxyphenyl)pyrrolidin-2-one (**18**)

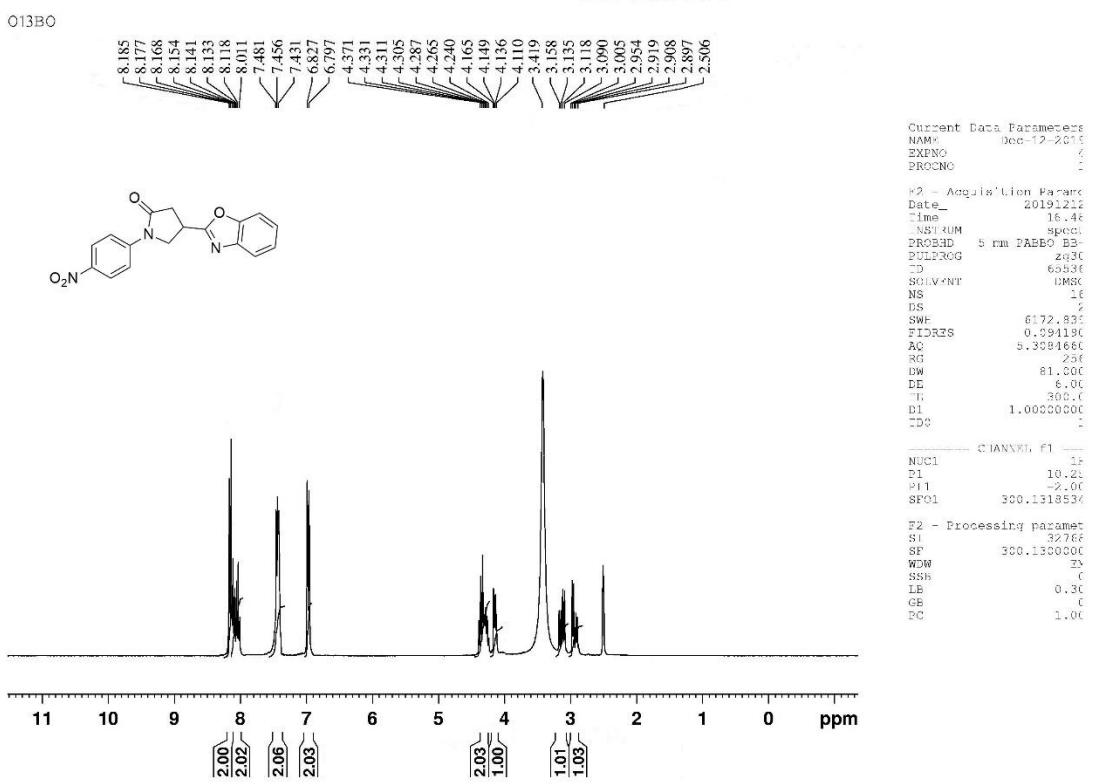


Figure S9: ^1H NMR spectrum of 4-(benzo[*d*]oxazol-2-yl)-1-(4-nitrophenyl)pyrrolidin-2-one (**19**)

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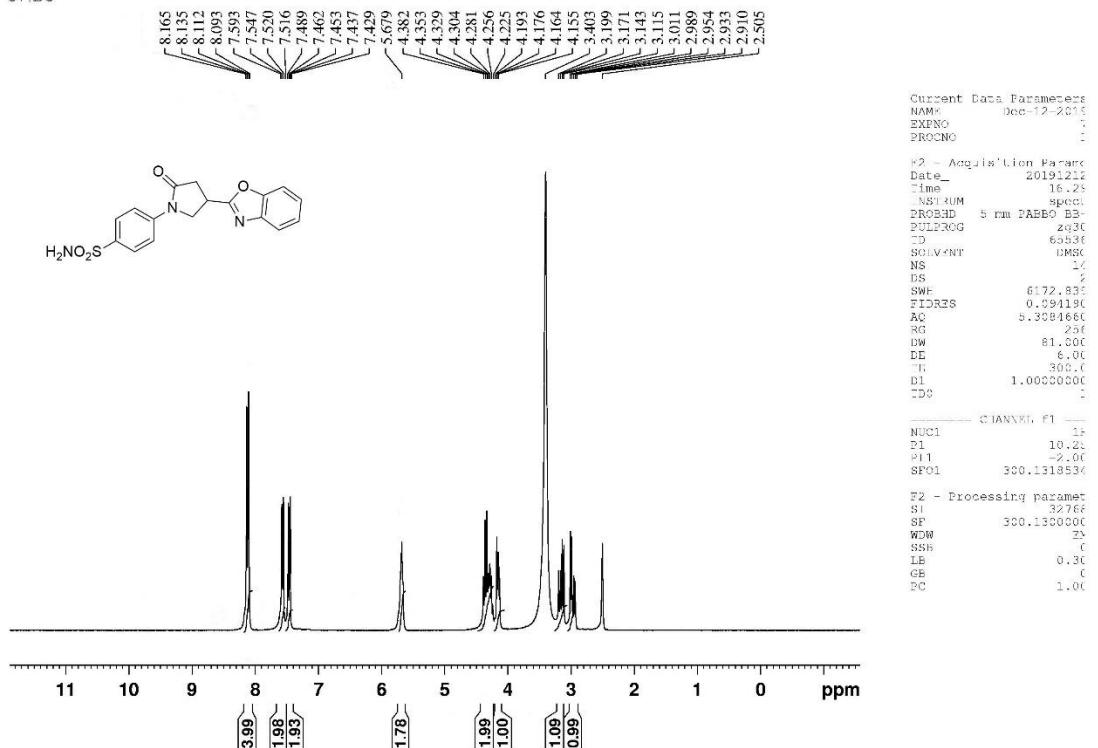


Figure S10: ^1H NMR spectrum of 4-(4-(benzo[*d*]oxazol-2-yl)-2-oxopyrrolidin-1-yl)benzenesulfonamide (**20**)

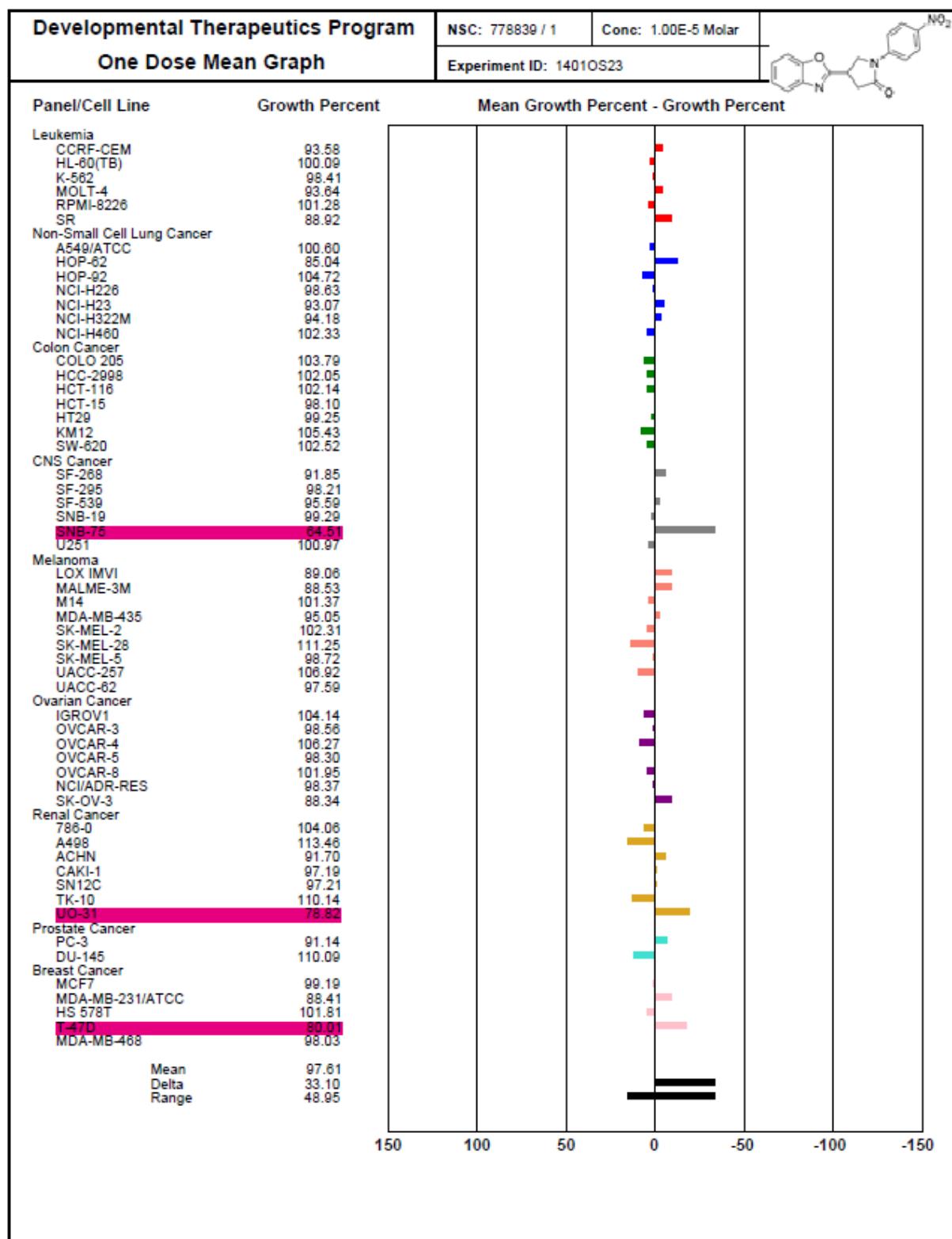


Figure S11: One dose anticancer results (NCI, USA) of compound 19.

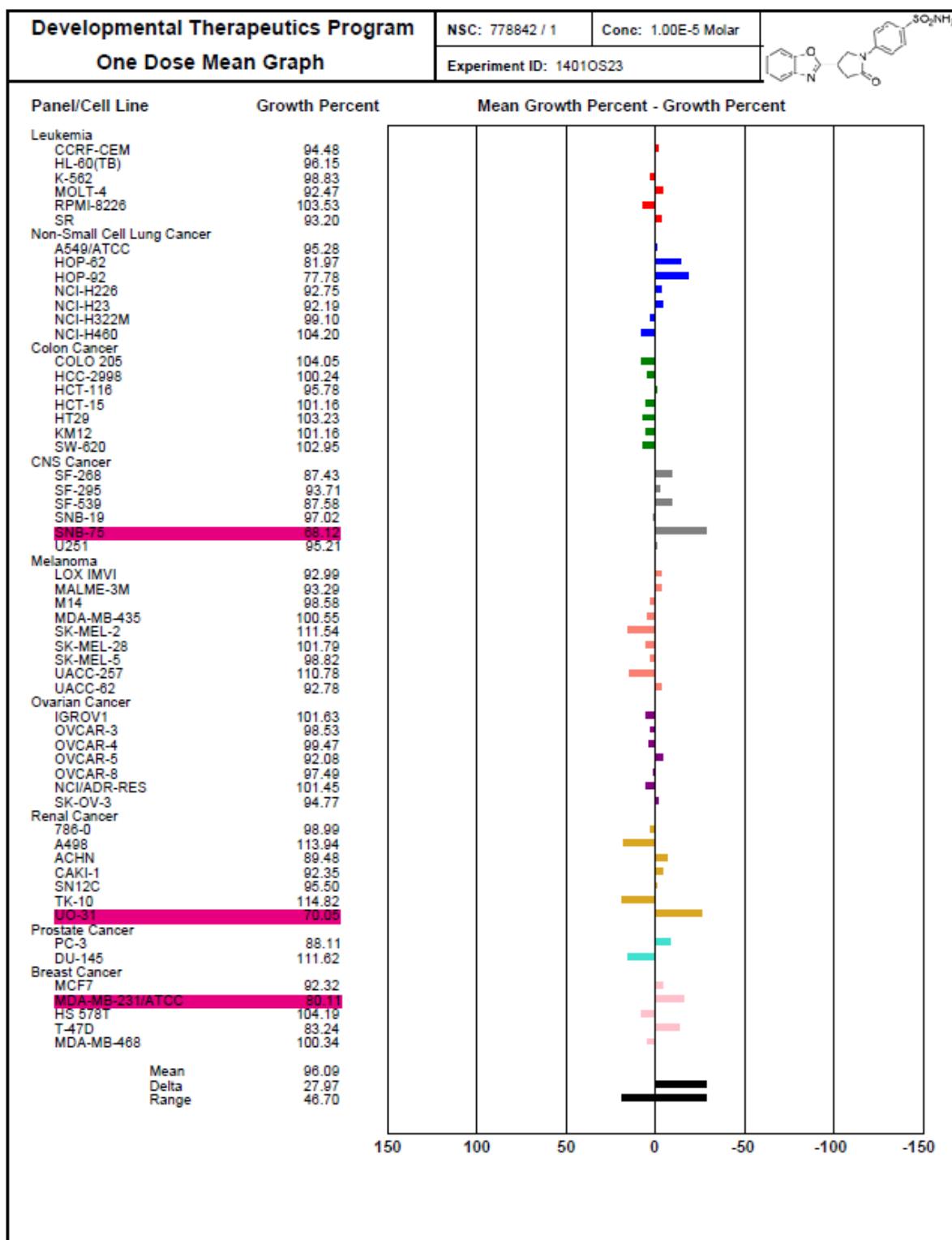


Figure S12: One dose anticancer results (NCI, USA) of compound **20**.