Accepted Manuscript

Design, synthesis, *in vitro* and *in silico* evaluation of a new series of oxadiazole-based anticancer agents as potential Akt and FAK inhibitors

Mehlika Dilek Altıntop, Belgin Sever, Gülşen Akalın Çiftçi, Gülhan Turan-Zitouni, Zafer Asım Kaplancıklı, Ahmet Özdemir

PII: S0223-5234(18)30540-3

DOI: 10.1016/j.ejmech.2018.06.049

Reference: EJMECH 10519

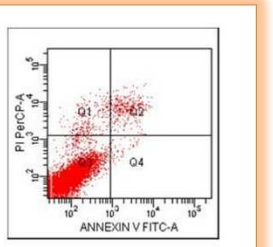
To appear in: *European Journal of Medicinal Chemistry*

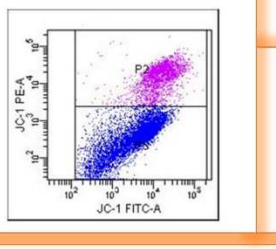
Received Date: 13 April 2018

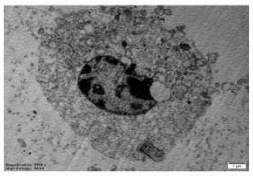
Revised Date: 19 June 2018

Accepted Date: 21 June 2018

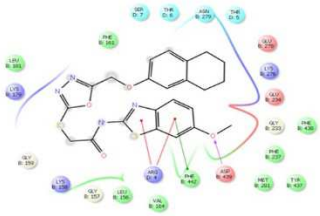
Please cite this article as: M.D. Altıntop, B. Sever, Güş.Akalı. Çiftçi, Gü. Turan-Zitouni, Zafer.Ası. Kaplancıklı, A. Özdemir, Design, synthesis, *in vitro* and *in silico* evaluation of a new series of oxadiazole-based anticancer agents as potential Akt and FAK inhibitors, *European Journal of Medicinal Chemistry* (2018), doi: 10.1016/j.ejmech.2018.06.049.



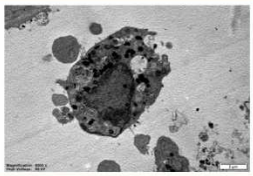


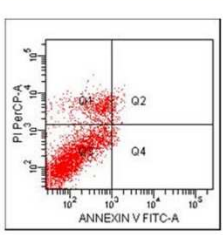


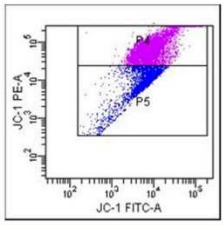
C6 rat glioma cell line



Interactions of compound **6** in the active site of Akt enzyme







A549 human lung adenocarcinoma cell line