

Novel 1,3,5-triazine based pyrazole derivatives as potential antitumor agents and EFGR kinase inhibitors: Synthesis, cytotoxicity, DNA binding, molecular docking and DFT studies

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Supporting information

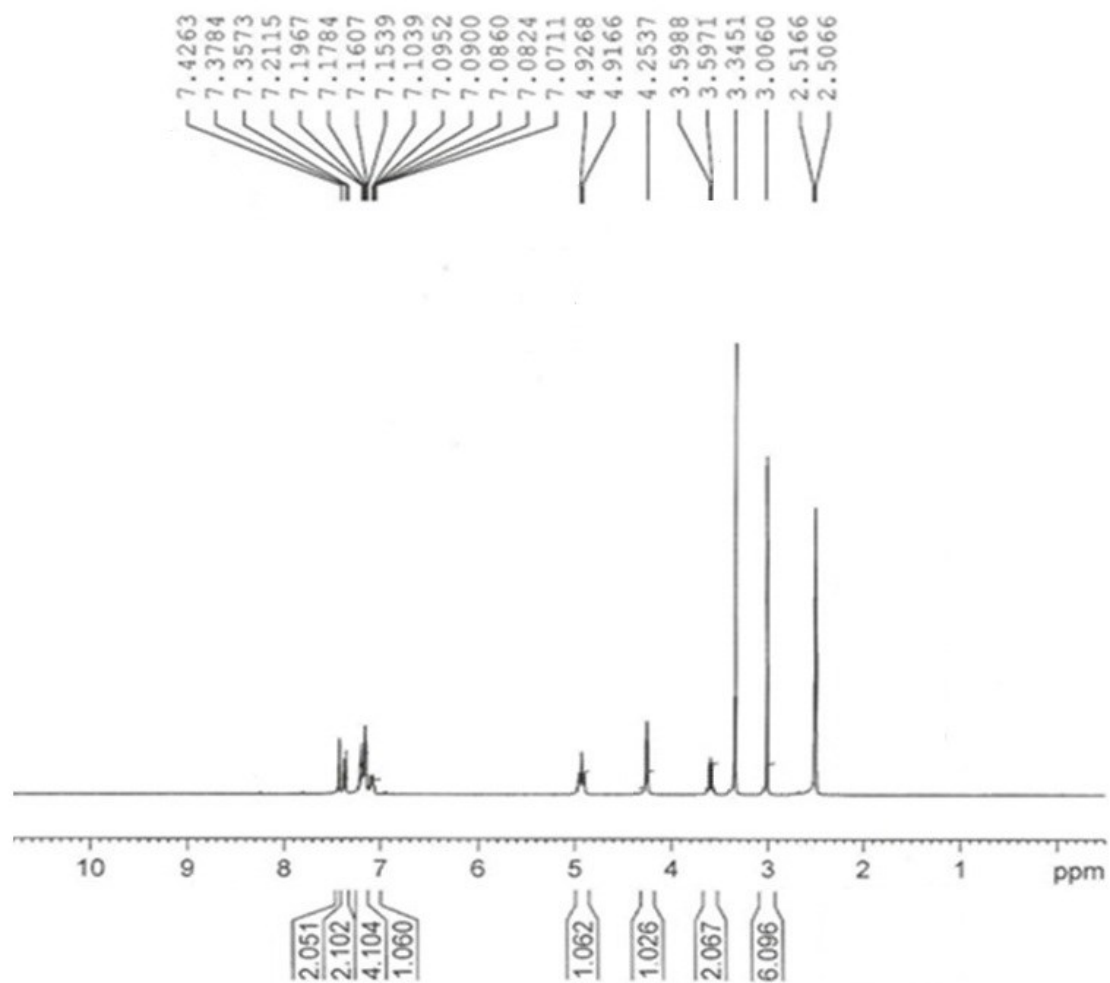


Figure S1: ^1H NMR spectrum 6-chloro- N^2,N^2 -dimethyl- N^4 -(1-phenyl-5-(4-(trifluoromethyl)phenyl)-4,5-dihydro-1H-pyrazol-3-yl)-1,3,5-triazine-2,4-diamine (5a).

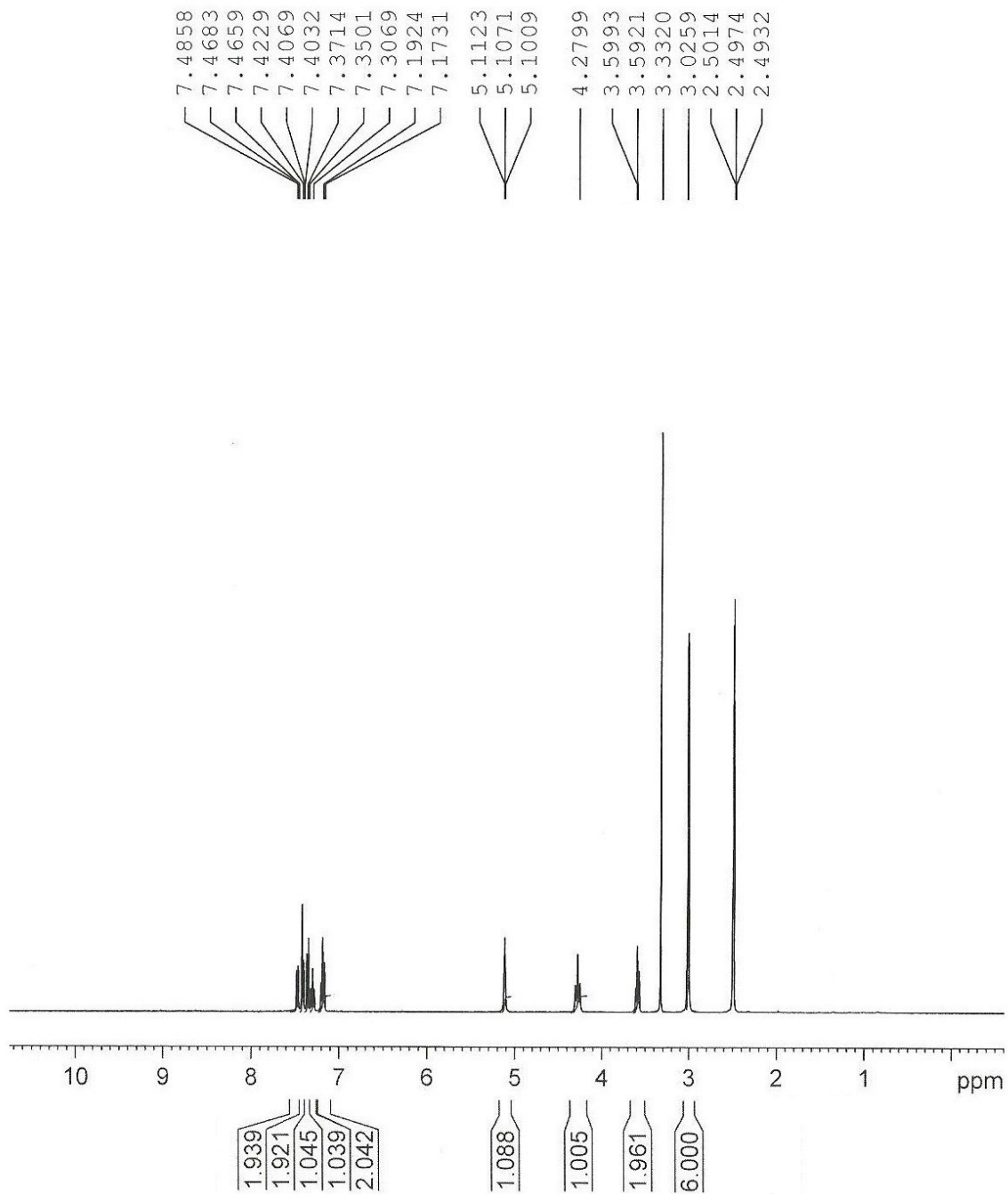


Figure S2: ^1H NMR spectrum of N^2 -(1,5-bis(4-(trifluoromethyl)phenyl)-4,5-dihydro-1H-pyrazol-3-yl)-6-chloro- N^4, N^4 -dimethyl-1,3,5-triazine-2,4-diamine (5h).

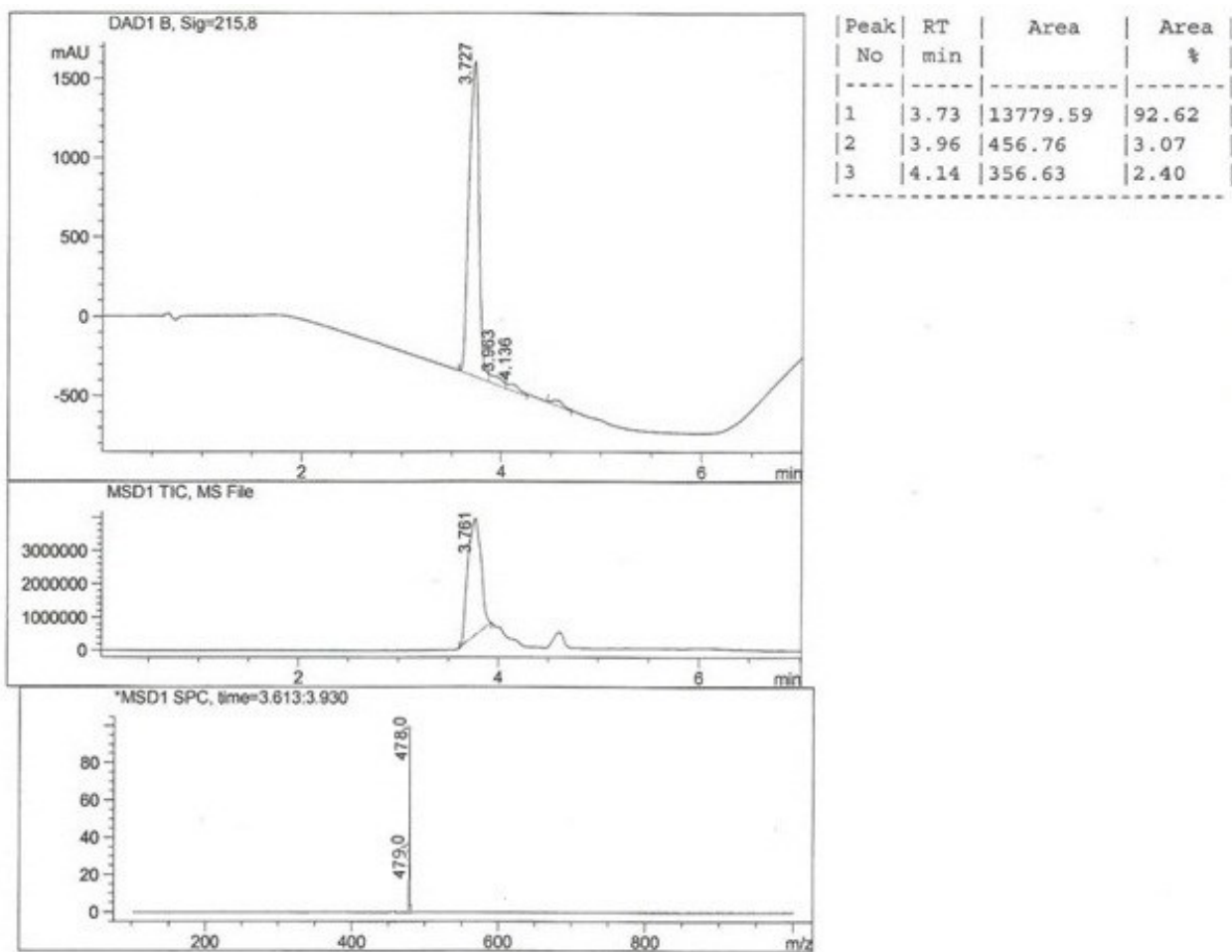


Figure S3: Mass spectrum of 4-(3-((4-chloro-6-(dimethylamino)-1,3,5-triazin-2-yl)amino)-5-(4-(trifluoromethyl) phenyl)-4,5-dihydro-1H-pyrazol-1-yl)phenol (5b).

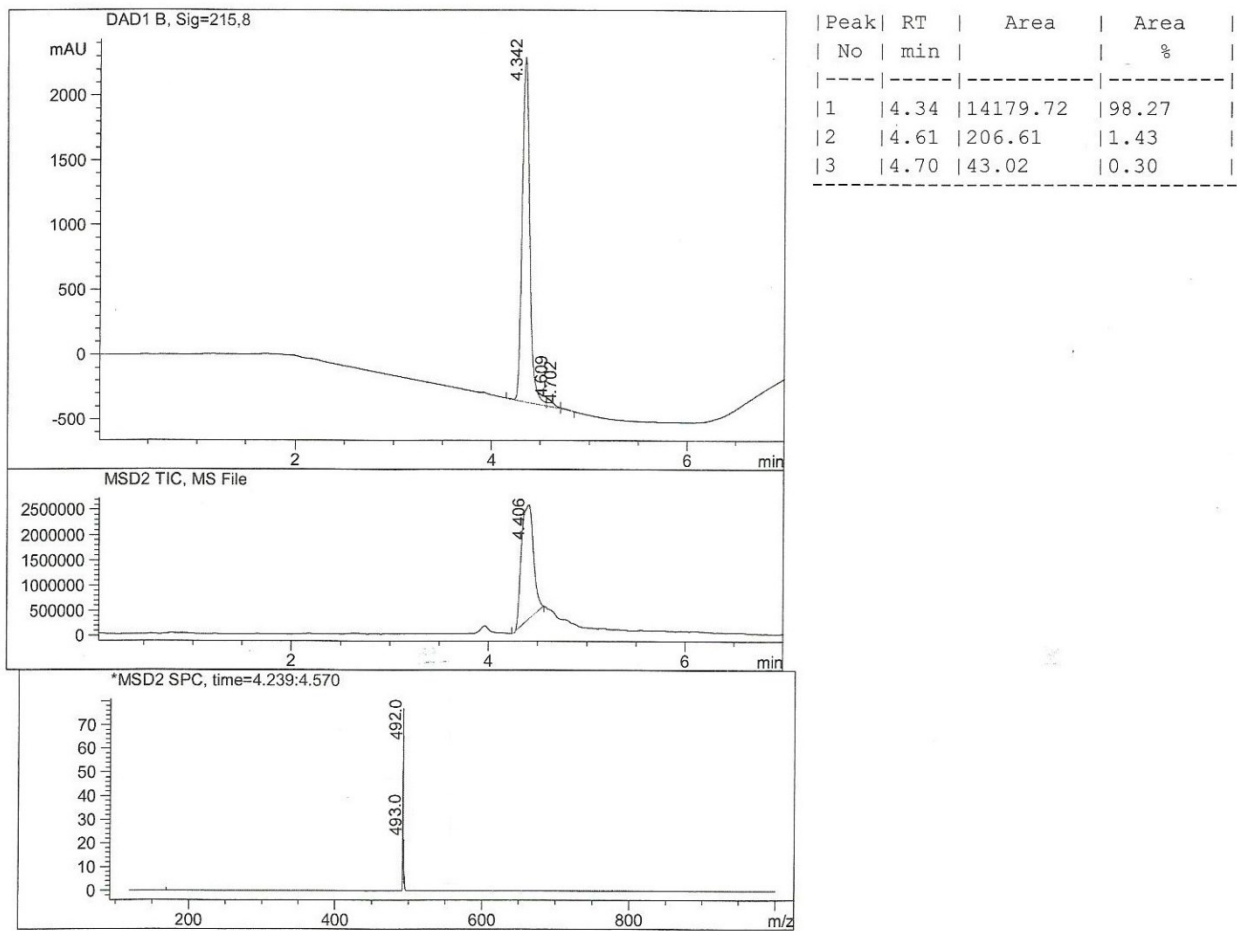


Figure S4: Mass spectrum of 6-chloro- N^2 -(1-(4-methoxyphenyl)-5-(4-(trifluoromethyl)phenyl)-4,5-dihydro-1H-pyrazol-3-yl)- N^4,N^4 -dimethyl-1,3,5-triazine-2,4-diamine (5d).

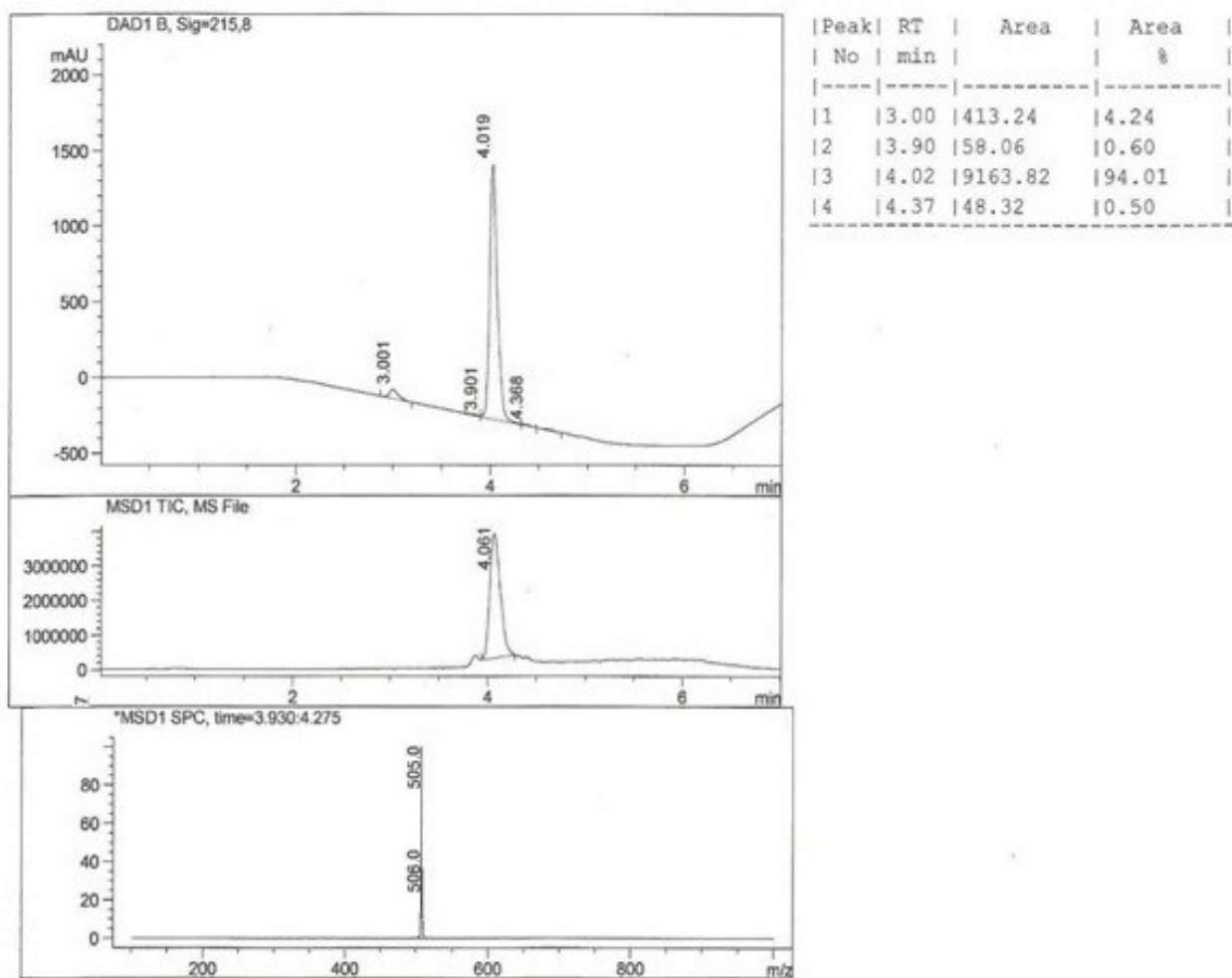


Figure S5: Mass spectrum of 6-chloro-N²-(1-(4-(dimethylamino)phenyl)-5-(4-(trifluoromethyl)phenyl)-4,5-dihydro-1H-pyrazol-3-yl)-N⁴,N⁴-dimethyl-1,3,5-triazine-2,4-diamine (5i).