### **Supplementary material**

**Green chemistry approach to the synthesis of 3-substituted-quinazolin-4(3*H*)-ones and 2-methyl-3-substituted-quinazolin-4(3*H*)-ones and biological evaluation**

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### **3-(4-(trifluoromethoxy)phenyl)quinazolin-4(3H)-one (1)**







***3-(2,5-dimethoxyphenyl)quinazolin-4(3H)-one* (2)**







### **3-phenylquinazolin-4(3H)-one (3)**

 



### **2-(4-oxoquinazolin-3(4H)-yl)benzoic acid (4)**







### **3-(4-methoxyphenyl)-2-methylquinazolin-4(3H)-one (5)**





### **3-(4-chlorophenyl)-2-methylquinazolin-4(3H)-one (6)**







### **3-(4-methoxyphenyl)-2-methyl-6-nitroquinazolin-4(3H)-one (7)**







### **2-(7-hydroxy-2-oxo-2H-chromen-4-yl)-N-(2-methyl-4-oxoquinazolin-3(4H)-yl)acetamide (8)**







### **3-(4-bromophenyl)-2-methylquinazolin-4(3H)-one (9)**







### **2-((4-methyl-2-oxo-2H-chromen-7-yl)oxy)-N-(2-methyl-4-oxoquinazolin-3(4H)-yl)acetamide (10)**





