



SDI Review Form 1.6

PART 1:

Journal Name:	American Chemical Science Journal
Manuscript Number:	MS: 2013_ACSj_3452
Title of the Manuscript:	Synthesis and Cytotoxicity Of Some Novel Substituted Hydronaphthalene Derivatives

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 9 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Compulsory REVISION comments	line 243 with formic acid at a temperature 60-800C,-is the range is up to 800? Line 297 Different concentration of the compound under test (0.0, 2.5, 5 and 10 g/ml) – How are you prepared 0.0 g/ml and other concentration? For example, is it possible to prepare 10g/ml?	60-80 °C – corrected 0.0 g /ml means that no drug was dissolved in the solvent (1 ml) and was used as a control to study the effect of the used solvent, if it has, on the growth of the carcinoma cells and compare its effect on the cells with that of the tested compounds at different concentrations in the same solvent. The tested compounds were dissolved in DIMETHYL SULFOXIDE that is a safe solvent and at the same time is a powerful solvent that most of the compounds including our compounds can be dissolved in it using the least amount of it. The method used in this paper is according to the reference: P. Skehan and R. Storeng, <i>J. Nat. Canc. Inst.</i>, 1990, 82, 1107–1112.



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Minor REVISION comments	line 14 sulpherheretrocyclic,- what is this? line 19 in-vitro inhibitory effects against – <i>in-vitro</i> write in italic line32 naphthalene metapolism(13) – check spelling line46 and many places ¹H-NMR and ¹³C-NMR – write as ¹H-NMR and ¹³C-NMR line58 and many places (NH₂), OCH₃ and other elements the number is in subscript line 66 and many places at 50-60 °C, the degree in superscript Line 319 concentration that produces a 50% reduction of the maximum inhibition rate and m is a Hill- type coefficient – But ‘m’ is not mentioned any where.	Done Done Done Done Done Done m is a Hill-type coefficient and it became clear in new tamp let I sent it
Optional/ General comments	In references, all are not uniform, for example, Line 355 2010,2(5): 507-521, but in other reference the authors gave only starting page no. Author stated about that the Elemental analysis (C, H, N) were carried out at the Micro analytical Data Center, but the data's are not included The TLC solvent system is not mentioned any where In table, the crystallized solvent is dil EtOH, at what concentration?	Done The elemental analysis (C,H,N) within rang ± 0.3% of theoretical values as mentioned at material and methods, line 53. TLC solvent CHCl₃/pet. Ether/MeOH in 1:1:0.2 ratio Concentration of dil. EtOH was 94%