



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_30468
Title of the Manuscript:	QSAR Study of 3-Phenylamino-1,4-naphtoquinones Anti-Cancer Activities
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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



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PART 1: Review Comments

	Reviewer's comment	Author's comment (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)
<u>Compulsory</u> REVISION comments	QSAR study Should be done on atleast 20 compounds as per rule to obtain good model.	The no. of data selected in the range according to each descriptor against 3-6 point and the reference no.21 used data less than 20 points.
<u>Minor</u> REVISION comments	Validation parameters like R^2 , SD and F obtained after QSAR analysis are also not good.	It is not excellent but acceptable according to the conditions : $r^2 \geq 0.6$, If the standard deviation s is not much larger than standard deviation of the biological data., F value indicate that overall significance level is better than 95%, $Q_2 > 0.5$
<u>Optional/General</u> comments		