

## Review Form 1.6

Journal Name:	<a href="#">Journal of Pharmaceutical Research International</a>
Manuscript Number:	Ms_JPRI_87341
Title of the Manuscript:	Quantitative Determination of the PARP Inhibitor Olaparib (AZD 2281) in Rat Plasma using LC-MS/MS: Application to Pharmacokinetic Studies
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:

<https://www.journaljpri.com/index.php/JPRI/editorial-policy>

### **PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<b>Compulsory</b> REVISION comments	<p>ABSTRACT</p> <ul style="list-style-type: none"><li>- repeat "C18 column".</li><li>- Gradient mobile phase?</li><li>- Need correction "Liquid chromatography with tandem mass spectrometry (LC-MS/MS)".</li></ul> <p>INTRODUCTION</p> <ul style="list-style-type: none"><li>- (Fig.1) is not related to the sentence.</li></ul> <p>Experimentals</p> <ul style="list-style-type: none"><li>- The purity of IS should be presented.</li><li>- The experiment of stability should be provided.</li></ul> <p>RESULTS AND DISCUSSION</p> <ul style="list-style-type: none"><li>- "Shimadzu 8040 mass spectrometer" does not correspond to the Experiment.</li><li>- "Then the elution strength of the solvent was changed to acetonitrile and 5 mM ammonium acetate in water [10]" This sentence is not clear and why was relate to the Ref [10]?</li><li>- Please compare the validation results with the previous studies.</li></ul> <p>FIGURES</p> <ul style="list-style-type: none"><li>- The chemical structure of IS should be provided in Fig. 1.</li></ul> <p>REFERENCES</p> <ul style="list-style-type: none"><li>- Please check the format and style of each reference.</li></ul>	
<b>Minor</b> REVISION comments		
<b>Optional/General</b> comments		

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

Name:	<b>Pattana Sripalakit</b>
Department, University & Country	<b>Naresuan University, Thailand</b>