SDI Review Form 1.6

Journal Name:	**American Chemical Science Journal**
Manuscript Number:	**2014_ACSj_11703**
Title of the Manuscript:	**The Electron Transfer Reaction of 3,7-Bis(dimethylamino)phenazothionium Chloride with Benzenethiol in Aqueous Nitric Acid: A Mechanistic Approach**
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)*
Compulsory REVISION comments	1)The product formed is to be mentioned in abstract. 2) In Material & method: Spectral scan showing maxima at 665 nm is required.3)In stoichiometric study : No reference for spectrophotomeric titration.4)Product should be isolated & identified.5)Determination of order & kinetic measurement should be done by a UV-Visible Spectrophotometre for accuracy not by colorimeter.6)$NaNO_3$ is used for maintaining ionic strength which is oxidising agent. So its interaction with reducing agent should be tested. 7)Fig:3 is to be reversed. 8) Line 211: What is the nature of plot $1/k_1$ against $1/C_6H_5SH$(Show figure)	
Minor REVISION comments	1)Line 163: should be table 5 instead of table 4. 2) Mechanism of Electron transfer :Line 218 k_4/slow should be written. Same also in line220 as k_6/slow 3) Dotted line should be removed before numbering equations 3,4 etc .Instead it should be written as (3).	
Optional/General comments	There is no information about activation parameters(ΔH^*,ΔS^*,ΔG^*) .It is very essential to calculate these to know kinetics and mechanism of any reaction. Please clarify us ethical issues, if any.	

Reviewer Details:

Name:	**Anonymous**
Department, University & Country	**India**