Review of: "Use of the experimental designs as an approach to optimize the inhibition efficiency of a Pyridazine derivative against corrosion of steel in an acidic medium"

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Potential competing interests: No potential competing interests to declare.

Manuscript Number: Qeios ID: 1R2IRX.2

This manuscript discusses the " Use of the experimental designs as an approach to optimize the inhibition efficiency of a Pyridazine derivative against corrosion of steel in an acidic medium.". Generally, this is a good approach. The methodology is new.

The following points should be considered:

1-Cited some recent references

2-The abbreviation of the inhibitor (CDM) that you use in the Materials and Methods section is not the same as in the conclusion (MDP). It should be corrected.

3-Rewrite the sentence below the equation written in part I-E polarization curve. Where Icorr and i^{inh}_{corr} represents the corrosion current densities determined by extrapolation of the Tafel lines in 1M HCl medium, respectively, without and with inhibitor (not with and without).

4- Has the synthesized inhibitor been characterized? How can the authors confirm the structure of this molecule? (NMR is necessary).