## Accepted Manuscript

Substituents effect on corrosion inhibition performance of organic compounds in aggressive ionic solutions: A review

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PII: S0167-7322(17)34889-4

DOI: https://doi.org/10.1016/j.molliq.2017.12.055

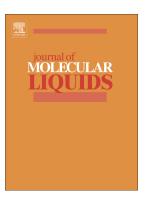
Reference: MOLLIQ 8351

To appear in: Journal of Molecular Liquids

Received date: 14 October 2017 Revised date: 27 November 2017 Accepted date: 12 December 2017

Please cite this article as: Chandrabhan Verma, L.O. Olasunkanmi, Eno E. Ebenso, M.A. Quraishi, Substituents effect on corrosion inhibition performance of organic compounds in aggressive ionic solutions: A review. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Molliq(2017), https://doi.org/10.1016/j.molliq.2017.12.055

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**ACCEPTED MANUSCRIPT** 

Substituents effect on corrosion inhibition performance of organic compounds

in aggressive ionic solutions: a review

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**Abstract** 

One of the factors that limit the use of synthetic organic compounds as corrosion

inhibitors is the series of trials associated with traditional syntheses that have to be carried out in

the course of designing of new and efficient corrosion inhibitors. A large number of synthetic

trials are not only cost-ineffective but also time consuming, which involves too many work-ups

1

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