Erratum to: Investigation of the inhibition effect of ibuprofen triazole against mild steel corrosion in an acidic environment

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Published online: 7 January 2015
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Erratum to: Res Chem Intermed DOI 10.1007/s11164-014-1804-5

The original article was accepted and published online in September 2014. However, we regret to hereby bring to your notice that there has been a mistake in the Fig. 1 and 6–9 in which the organic molecule is represented. The corrected version of the figures is providing in the erratum.

The online version of the original article can be found under doi:[10.1007/s11164-014-1804-5](https://doi.org/10.1007/s11164-014-1804-5).

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Page no.	Reads	Should read
Page 2, line 20	Like sulfur, and four nitrogen atoms	Like sulfur, and three nitrogen atoms
Page 7, line 6	Inhibition efficiencies obtained potentiodynamic	Inhibition efficiencies obtained from potentiodynamic
Page 3, Fig. 1 Caption	Molecular structure of IT (4-amino-5-{1-4-[2-methylpropyl) phenyl] ethyl}-4H-1, 2, 4 triazole-3-thiol)	Molecular structure of IT 5-(1-(4-isobutylphenyl)ethyl)-4H-1,2,4-triazole-3-thiol
Page 2, Fig. 1	Replace Fig. 1 with the following:

Page 10, Fig. 6	Replace Fig. 6a, b with the following:	

Page no.	Reads	Should read

Page 11, Fig. 7	Replace Fig. 7a-d with the following:	

Page no.	Reads	Should read
Page 11, Fig. 8		Replace Fig. 8a–d with the following:

Page no.	Reads	Should read

Page 12, Fig. 9

Replace Fig. 9a, b with the following:

Page 10, Table 5

Replace Table 5 with the following table

Quantum chemical parameters	Neutral species of IT molecule		Protonated species of IT molecule	
	α	β	α	β
E_{HOMO} (eV)	−9.08180	−9.08184	−12.34152	−12.34150
E_{LUMO} (eV)	3.50684	3.50681	−2.21519	−2.21515
ΔE (eV)	12.58864	12.58865	14.55671	14.55665
σ	0.14887	0.14887	0.14750	0.14750
ΔN	0.3146	0.3146	−0.0275	−0.0275
μ (D)	5.223		297.3	
Total energy (k cal mol ^{−1})	−687,857		−688,047	