## Dear ACS Journal Production Team**,**

## Thank you very much for your efforts to improve our manuscript.

## Below you can find our Author corrections and remarks to the Editorial Trace Document.

Sincerely yours

Victor Filimonov

# Author Corrections

|  |  |
| --- | --- |
| Date: | September 23, 2019 |
| Manuscript Number: | op-2019-00307g (acs.oprd.9b00307) |
| Corresponding Author Name: | Victor D.Filimonov |

| Line Number | Action | Current Text | New Text |
| --- | --- | --- | --- |
| Line 517, 518 | Delete | ….intermediate formation of didehydrobenzene and naphthalene | …..intermediate formation of didehydrobenzene. |
| Table 8, row 1 | Change | 2-NO2C6H4N2+Tf− → 2-NO2C6H4OTf + N2 | 2-NO2C6H4N2+TfO− → 2-NO2C6H4OTf + N2 |
| Table 8, row 5 | Change | 4-NO2C6H4N2+TfO− → 4-NO2C6H4OTs + N2 | 4-NO2C6H4N2+TsO− → 2-NO2C6H4OTs + N2 |
| Line 355 | Delete | The kinetic eq 2 is used to model solid-phase reactions, 13,14 | The kinetic eq 2 is used to model solid-phase reactions, 13 |
| Line 389 | Change | The half-life of 4-nitrophenyldiazonium triﬂate | The half-life of 4-nitrobenzenediazonium triﬂate |
| Line 390 | Change | half-life of 4-methoxyphenyldiazo- | half-life of 4-methoxybenzenediazo- |
| Line 393 | Change | 4-nitrophenyldiazonium triﬂate 1c | 4-nitrobenzenediazonium triﬂate 1c |
| Line 394 | Change | 4-methoxyphenyldiazonium triﬂate 1d | 4-methoxybenzenediazonium triﬂate 1d |
| Line 527 | Adding | …the carbocationic center. | …the carbocationic center. 14 |
| Line 726, 727 | Change | Filimonov, V.; Parello, J.; Kutonova, K.; Trusova, M.; Postnikov, P. | Kutonova, K.; Trusova, M.; Postnikov, P.; Filimonov, V.; Parello, J. |
| Line 755 | Adding | (6) http://www.unece.org/trans/danger/danger.html. | (6) <http://www.unece.org/trans/danger/danger.html>, last update May 22, 2019 |

Table from the «edit-trace» file

|  |  |  |
| --- | --- | --- |
| **Query**  **No.** | **Query** | **Authors Remarks** |
| Q1 | Please confirm the postal code in affiliations, as we have inserted the required information. | Confirm |
| Q2 | Ref 14 was not cited in text. We have inserted a citation in the sentence beginning “The kinetic eq 2 is used…” Please check our placement and  reposition if necessary. | Ref 14 must be insert on line 527 the proof. See author corrections table. |
| Q3 | Please check that the Table 4 has been displayed correctly. | The Table 4 has been displayed correctly |
| Q4 | Please check the sentence “Overall…” for clarity. | It might be better to write «It is important to note» instead of «overall» for clarity. |
| Q5 | Please check the description introduced for the ZIP file in the supporting information. | Sorry, I'm not sure understood correctly what it means «the description introduced». I suspect the description can be as follows: «Files with Flow-calorimetry, LC-MS and calculated results” . |
| Q6 | Please provide a DOI for refs 1g and 8d or indicate if one does not exist. | A DOI for refs 1g and 8d does not exist. It was checked by Scopus and WoS. |
| Q7 | Please provide the accessed year of publication in ref 6. | «Ref 6 is periodically updated document and it was last updated May 22, 2019 (see Author corrections table). |