The study of the reaction paths of 4-aryl-4-oxobutanoic acids with terminal aliphatic N,N-diamines

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**Supplementary information**

**Table S1**. Parameters of the experiments and yields of the products.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| n | Ar | Product | Time, min. | Temperature, °С | Yield, % |
| 1 | Ph | **3a** | 5 | 50 | 85 |
| *p*-Tol | **3b** | 5 | 50 | 75 |
| 2 | Ph | **4a** | 5 | 50 | 85 |
| *p*-Tol | **4b** | 5 | 50 | 70 |
| 5 | *p*-Tol | **5b** | 5 | 50 | 76 |
| 1 | Ph | **6a** | 5 | 100 | 80 |
| *p*-Tol | **6b** | 5 | 100 | 85 |
| 2 | Ph | **7a** | 5 | 80 | 76 |
| *p*-Tol | **7b** | 5 | 90 | 80 |
| 1 | Ph | **8a** | 5 | 160 | 76 |
| *p*-Tol | **8b** | 5 | 150 | 80 |
| 2 | Ph | **9a** | 5 | 160 | 85 |
| *p*-Tol | **9b** | 5 | 160 | 85 |