**PROJECT INFO SHEET**

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| **PROJECT STAFF INFO** |

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| **Name-Surname/Title** | Serdal Kaya, Assist. Prof. |
| **Department** | Aeronautical Engineering |
| **Role in the Project** | Principal Investigator |

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| **PROJENİN ADI** |

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| **Partners/Participants/**  **Stakeholders** | SAFA Tarım A. Ş. |
| **Research Topic** | Investigation of Methodology for the Synthesis of 2-amino-4'-chlorobiphenyl Compound |
| **Impacts of the Projects** | Reducing External Dependency by Domestic Synthesis of Intermediate Product |
| **Keywords** | 2-amino-4'-chlorobiphenyl |
| **Start-End Date** | 15.11.2020 – 15.11.2021 |
| **Project Budget** | 50.000 TL |

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| **Summary** |  |
| Pharmaceutical and chemical industry is one of the leading and important trade volumes of our country, which is also in the world. Organic intermediate products and pharmaceutical products take the first place among the import figures of this sector. On this occasion, the production of raw materials and intermediate products is important both in terms of foreign dependency and production gain. Within this study, it is planned to produce a manufacturability synthesis recipe (know-how) for 2-amino-4ʹ-chlorobiphenyl compound, which is an imported intermediate and used in the synthesis of compounds with important activities in the medical and agro-pharmaceutical industry sector, which is not produced in our country. For this purpose, 2-amino-4ʹ-chlorobiphenyl compound, which is the target product, will be obtained from an inexpensive commercial compound. With the successful conclusion of our project, our domestic 2-amino-4ʹ-chlorobiphenyl synthesis will be realized for the pharmaceutical and chemical industry. | |
| **Expected and/or Achieved Results** |  |
| The project is in the finalization steps. | |