

Dr. Tobias Dürr-Mayer

27.09.1991, German

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Position: Postdoctoral researcher

Academic education including academic degrees

- 10/2014 – 09/2017 M.Sc. Chemistry, Albert-Ludwigs-Universität Freiburg
Master thesis: Towards a Potentially New Class of Natural Compounds – Synthesis of Ultraphosphates by Phosphoramidite Chemistry
- 10/2011 – 09/2014 B.Sc. Chemistry, Albert-Ludwigs-Universität Freiburg
Bachelor thesis: Arbeiten zur Darstellung enantiomerenangereicherter Sulfoxide ausgehend von prochiralen Verbindungen – Sulfoxid/Magnesium-Austausch an 1'-halogenierten Isopropyl(2,4-dimethylphenyl)sulfoxiden durch Grignard-Reagenzien

Scientific graduation

- 05/2018 – 10/2022 PhD in Chemistry, Albert-Ludwigs-Universität Freiburg
Institute of Organic Chemistry
Dissertation: The Chemistry of Branched Condensed Phosphates

Employment

- Since 11/2022 Postdoctoral researcher, Albert-Ludwigs-Universität Freiburg
At the Institute of Biochemistry and Molecular Biology:
Use of analog-sensitive kinases to identify phosphorylation sites
At the Institute of Organic Chemistry:
Synthesis of (isotopically labelled) inositol pyrophosphates. Applications of ¹⁸O-phosphate labelling
In cooperation with EUROAPI:
Upscaling of chemical phosphorylation methods and nucleoside chemistry
- 10/2015 – 04/2016 Internship, BASF Schweiz AG
One-Pot Base-Promoted α -Hydroxylation of Ketones using Hexachloroethane

Other activities, awards and honours

- 2024 CIBBS Launchpad Research Funding
- 2011 – 2022 Scholarship from Cusanuswerk
- 2011 Koldschmidt-award for the best student of the year