

Research Project

GABAA receptor modulators inspired by natural products

Project funded by own resources

Project title GABAA receptor modulators inspired by natural products

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Organisation / Research unit

Faculty of Science

Departement Pharmazeutische Wissenschaften / Pharmazeutische Biologie (Hamburger)

Project start 01.03.2015

Probable end 30.04.2020

Status Completed

A FLIPR-based assay for screening of the in-house extract library for allosteric GABAA receptor modulators has been established. As a follow-up, the most promising extracts are currently being followed up via HPLC-based activity profiling, to identify natural products with new scaffolds for the target. Structures are elucidated by NMR, HR-MS, ECD and VCD.

Keywords GABAA receptor modulators, allosteric, natural products, medicinal chemistry, blood-brain-barrier, metabolism

Financed by

University funds

Add publication

Add documents

Specify cooperation partners

ID	Kreditinhaber	Kooperationspartner	Institution	Laufzeit - von	Laufzeit - bis
3394885	Hamburger, Matthias	Mihovilovic, Marko, Professor	Technical University of Vi- enna	01.03.2015	31.12.2018
3394886	Hamburger, Matthias	Hering, Steffen, Professor	University of Vienna, Phar- macology and Toxicology	01.03.2015	31.12.2018