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Chemical tools to modulate endocannabinoid biosynthesis

Deng, H.

Citation

Deng, H. (2017, April 11). *Chemical tools to modulate endocannabinoid biosynthesis*. Retrieved from <https://hdl.handle.net/1887/47846>

Version: Not Applicable (or Unknown)

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Author: Deng, Hui

Title: Chemical tools to modulate endocannabinoid biosynthesis

Issue Date: 2017-04-11

Curriculum Vitae

Hui Deng was born on September 23th 1987 in Lanzhou, China. After graduating from the affiliated High School of Northwest Normal University in 2005, she started her Bachelor of Science in Sichuan University with a major in chemistry. In 2009, she completed her Bachelor degree with honor and was recommended to the Master in chemistry at Sichuan University. She did a Master research project in the group of prof. dr. Taiping Hou, which focused on the discovery of potent antifungal compounds against several plant pathogenic fungi.

In 2012, she obtained her Master degree and started as a PhD candidate in the Bio-Organic Synthesis group at Leiden Institute of Chemistry (Leiden University, The Netherlands). She was supported by the China Scholarship Council (No. 201206240055). Hui performed her research under the supervision of dr. M. van der Stelt and prof. dr. H.S. Overkleeft. After two years, she continued her research in the newly created department of Molecular Physiology led by dr. Mario van der Stelt. During her research, she developed several chemical tools to modulate endocannabinoid production activity-based protein profiling. She presented her work at several (inter)national conferences, including the International Cannabinoid Research Society (ICRS) symposium (Poland, Bukovina, 2016), where she received the award for best oral presentation, FIGON Dutch Medicine Days (The Netherlands, Ede, 2016), Endocannabinoid Pharmacology Meeting (Switzerland, Bern, 2016), Wageningen International Symposium on Organic Chemistry (The Netherlands, Wageningen, 2016) and CHAINS-Dutch Chemistry conference (The Netherlands, Veldhoven, 2016). Furthermore, she was awarded a poster presentation prize at the COST Chemical Proteomics Meeting (United Kingdom, Oxford, 2015).